

AN INVESTIGATION OF WING BUFFETING RESPONSE
AT SUBSONIC AND TRANSONIC SPEEDS:
PHASE II F-111A FLIGHT DATA ANALYSIS

VOLUME III - TABULATED POWER SPECTRA

by

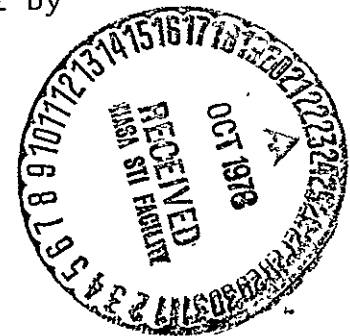
David B. Benepe, Atlee M. Cunningham, Jr.,
Sam Traylor, Jr., and W. David Dunmyer.

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Fort Worth Division
Fort Worth, Texas

for

AMES RESEARCH CENTER
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



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SUMMARY

A detailed investigation of the flight buffeting response of the F-111A was performed in two phases. In Phase I stochastic analysis techniques were applied to wing and fuselage responses for maneuvers flown at subsonic speeds and wing leading-edge sweep of 26 degrees. Power spectra and r values of response were obtained for:

- (1) vertical accelerations at the wing tips, the center of gravity and the pilot's seat,
- (2) lateral accelerations at the center of gravity and the pilot's seat,
- (3) vertical shear, bending moment and torsional moment at 4 spanwise locations on the right variable sweep wing panel.

In Phase II the analyses were extended to include maneuvers flown at wing leading-edge sweep values of 50 and 72.5 degrees at subsonic and supersonic speeds and the responses examined were expanded to include vertical shear, bending moment, and hingeline torque of the left and right horizontal tails.

This volume presents tabulations of Power Spectral Density (PSD) data for all of the flight points examined during the Phase II flight data analysis. Detailed descriptions of the aircraft, the flight instrumentation and the analysis techniques

are given. Measured and calculated vibration mode frequencies are also presented to assist in further interpretation of the PSD data.

The major conclusions of the investigation are:

- (1) The structural response to buffet during moderate to high-g maneuvers is very complex. Many natural symmetric and antisymmetric natural vibration modes (and perhaps asymmetric modes) can be excited to significant levels of response.
- (2) An array of different types of sensors and locations of the sensors is needed to adequately describe the structural response during buffet investigations.
- (3) The modal content of the response varies with sensor type and location and also can vary with angle of attack, wing sweep and Mach number. The variations in modal content are attributed to the variations in the spatial extent and phase relationships of the separated flows
- (4) At low wing sweep there are significant differences in the variations of rms response with angle of attack for different Mach numbers. The largest magnitudes of response were measured during flight

conditions where shock induced flow separations were present

- (5) In general, the rise in rms response with angle of attack becomes smaller as wing leading edge sweep is increased
- (6) The buffeting loads on the wing are small relative to the maneuver loads at the most inboard measuring station but become larger near the wing tip. The larger relative rms values of response near the tip are attributed to higher frequency modes and thus should be considered important from a fatigue standpoint with respect to secondary structure.

The data obtained in this investigation were used to help formulate and evaluate a method of predicting buffeting response which uses wind tunnel measurements of the fluctuating pressures on a "rigid" wing as the input forcing function.

The entire investigation is documented in eight reports which are listed below

Benepe, D B., Cunningham, A. M., Jr , and Dunmyer, W D.
An Investigation of Wing Buffeting Response at Subsonic and Transonic Speeds. Phase I F-111A Flight Data Analysis.

Volume I - Summary of Technical Approach, Results and Conclusions, NASA CR-152109

Volume II - Plotted Power Spectra, NASA CR-152110.

Volume III - Tabulated Power Spectra, NASA CR-152111

Benepe, D B., Cunningham, A M., Jr., Traylor, S., Jr.,
and Dunmyer, W D. An Investigation of Wing Buffeting
Response at Subsonic and Transonic Speeds Phase II F-111A
Flight Data Analysis.

Volume I - Summary of Technical Approach, Results and Con-
clusions, NASA CR-152112

Volume II - Plotted Power Spectra, NASA CR-152113.

Volume III - Tabulated Power Spectra, NASA CR-152114.

Cunningham, A M , Jr., Benepe, D. B , Watts, D., and
Waner, P G A Method for Predicting Full Scale Buffet
Response with Rigid Wind Tunnel Model Fluctuating Pressure
Data

Volume I - Prediction Method Development and Assessment,
NASA CR-3035

Volume II - Power Spectral Densities for Method Assessment,
NASA CR-3036

SYMBOLS

Note: Quantities are presented in the International System of Units (U.S. customary units in parenthesis). The work was performed using U.S. customary units.

b	wing span - m, (ft)
B.M. _{DES}	design value of wing bending moment, N-m, (in - lb)
c.g., C.G.	"center of gravity"
f _r	frequency, hertz
f ₀	spectral base frequency or analysis bandwidth, hertz
F _Z	wing vertical shear as measured by strain gages - N, (lb)
g	gravitational acceleration
M	Mach number
M _X	Wing Bending Moment as measured by strain gages N-m, (in - lb)
M _Y	Wing torsional moment - N-m, (in - lb)
n _{max}	maximum maneuver load factor - g's
S	theoretical wing area (leading and trailing edges of swept panel extended to airplane centerline m ² , (ft ²))
T	length of input frame in spectral analysis - seconds
T ₁	start time of interval for spectral analysis - seconds
T ₂	stop time of interval for spectral analysis - seconds
ΔT	time interval used for spectral analysis = T ₂ -T ₁ , sec
V _{DES}	design value of wing vertical shear, N, (lb)
y	lateral acceleration g's
z	vertical acceleration g's

SYMBOLS (Continued)

α	indicated angle of attack referenced to wing manufacturing chord plane
$\alpha_{\max}$	maximum indicated angle of attack - deg.
α_{nom}	nominal angle of attack representing time interval ΔT
α_1	indicated angle of attack at time T_1 , deg
$\Delta\alpha$	increment in indicated angle of attack during time interval ΔT , deg
β	indicated sideslip angle, deg
σ_a	rms value of acceleration fluctuations - g, rms
$\sigma_{V_{\max}}$	maximum rms value of wing vertical shear fluctuations - N, rms, (lb, rms)
$\sigma_{BM_{\max}}$	maximum rms value of wing bending moment fluctuations - N-m, rms, (in - lb, rms)
ψ_T	average rms value determined from power spectral analysis

ABBREVIATIONS

Alt	altitude
Asym	antisymmetric
B.M.	bending moment
Cross-PSD, XPSD	Cross power spectral density
dB	decibel
Dyn Press	dynamic pressure
FM	frequency modulation
H _z	hertz
hor, hori	horizontal
in-lb, IN-LB	inch-pound
inb'd	inboard
L	left
lb, LB	pound
L/H	left hand
LWT	left wing tip
m	meter
N	newton
N-m, N-M	newton-meter
outbd	outboard
P.S.	pilot seat
PSD	power spectral density
R	right
R/H	right hand

ABBREVIATIONS, (Continued)

rms	root-mean-square
RWT	right wing tip
Sym	symmetric
TOR	torsion
W.S.	Wing Station for strain gage measurements

SECTION 1

INTRODUCTION

A detailed investigation of the structural response of an F-111A aircraft to buffet during moderate to high-g maneuvers was accomplished in two phases. In Phase I (References 1, 2, 3) the response characteristics with the variable sweep wings set at a nominal leading-edge sweep of 26 degrees were examined for the seven maneuvers described in Table 1.

Power spectra and rms values of response were determined for 19 different measurement items consisting of vertical accelerations at the wing tips, the center of gravity and the pilot's seat, lateral accelerations at the center of gravity and the pilot's seat and vertical shear, spanwise bending moment, and torsional moment at 4 different spanwise stations on the right wing.

The conclusions reached from the Phase I Study were:

- (1) The structural response during buffet is very complex. Many natural vibration modes both symmetric and antisymmetric can be excited during a maneuver in which flow separation occurs on the wings.
- (2) The spectral content of the response varies with the type of sensor, the location of the sensor and in some cases with angle of attack.

- (3) The variations of rms values of response with angle of attack can be quite different for different values of Mach number. The largest measured responses occurred under conditions where shock-induced flow separations occurred on the wing. In particular the torsional response was significantly higher than anticipated on the basis of previous buffet studies.
- (4) The magnitudes of the wing bending and wing shear responses at the most inboard measurement station are small relative to the maneuver loads. Near the wing tip the buffet loads are a much larger percentage of the maneuver loads.
- (5) Horizontal tail vibration modes appear to make significant contributions to the fuselage responses.

In Phase II the structural responses at nominal wing leading-edge sweeps of 50 and 72.5 degrees were analyzed. Vertical shear, bending moment and hingeline torque at the root of the left and right horizontal tails were analyzed in addition to the 19 measurement items examined in Phase I. All 25 items were studied for six maneuvers listed in Table 2. In addition the horizontal tail responses were analyzed for two wind up turn maneuvers from the Phase I Study as listed in Table 2.

Volume I (NASA CR-152112) summarizes the Phase II investigation in detail. Volume II (NASA-CR-152113) presented Power Spectral data in plotted forms. This Volume (NASA CR-152114) presents tabulations of power spectral density (PSD) data for all of the flight points and instrumentation items analyzed in the Phase study. Sufficient information about the aircraft, the flight instrumentation and the analysis techniques is presented to allow the reader to perform additional analyses if desired.

Table 1

PHASE I FLIGHT MANEUVERS

FLT	RUN	MANEUVER	WING SWEEP DEG	NOMINAL FLIGHT CONDITIONS		
				MACH	ALTITUDE	GROSS WEIGHT
48	6	Windup Turn	26.6	.70	7,559 m (24,800 ft)	294,472 N (66,200 lb)
77	S&C-R	Windup Turn	25.6	.80	6,035 m (19,800 ft)	266,004 N (59,800 lb)
78	5	Pullup	26.2	.80	3,780 m (12,400 ft)	327,389 N (73,600 lb)
79	9R	Pullup	26.7	.80	1,494 m (4,900 ft)	323,386 N (72,700 lb)
60	10	Roller Coaster	26 6	.87	8,382 m (27,500 ft)	307,817 N (69,200 lb)
78	4	Pullup	26 3	87	3,688 m (12,100 ft)	330,503 N (74,300 lb)
70	2	Pullup	26 8	86	1,494 m (4,900 ft)	328,800 N (73,800 lb)

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Table 2
PHASE II FLIGHT MANEUVERS

Flight	Run	Maneuver	Wing Sweep	Nominal Flight Conditions		
				Mach	Altitude	Gross Weight
61	R227	Windup Turn	49.1	80	8,382 m (27,500 ft)	330,948 N (74,400 lbs)
51	S38/150	Slowdown Turn	49.5	1.25 - 1.13	10,912 m (35,800 ft)	278,903 N (62,700 lbs)
48	4	Windup Turn	49.8	1.20	9,053 m (29,700 ft)	261,111 N (58,700 lbs)
48	7R1	Windup Turn	72.2	.89	7,559 m (24,800 ft)	265,559 N (59,700 lbs)
48	5	Windup Turn	72.2	1.20	9,083 m (29,800 ft)	274,455 N (61,700 lbs)
59	S132R	Slowdown Turn	72.2	1.31 - 0.96	8,382 m (27,500 ft)	274,900 N (61,800 lbs)
77	S&CR*	Windup Turn	25.6	.80	6,035 m (19,800 ft)	266,004 N (59,800 lbs)
48	6*	Windup Turn	26.6	.70	7,559 m (24,800 ft)	294,472 N (66,200 lbs)

* Phase I Selections

SECTION 2

AIRCRAFT DESCRIPTION

The test aircraft was F-111A Number 13. A drawing showing the general features of the aircraft is presented in Figure 1. Detailed geometry associated with the aircraft and its components appears in Table 3. The aircraft has a variable sweep wing and a convention was adopted early in the development program that all aerodynamic coefficients would be referenced to geometric characteristics at a specific wing sweep, namely, $\Lambda_{LE} = 16$ degrees. The variations of some key geometric characteristics of the wing with wing leading-edge sweep angle are presented in Figure 2.

Although the aircraft is fitted with a high-lift system consisting of multisegment leading-edge slats and multisegment double-slotted trailing-edge flaps, these devices were in their retracted positions for all maneuvers analyzed in this study

Two-segment upper surface spoilers on each wing are used at low wing sweeps in addition to differentially controlled all-movable horizontal tails to achieve roll control.

The aircraft has a three-axis stability augmentation system which was operational on all maneuvers analyzed in this investigation.

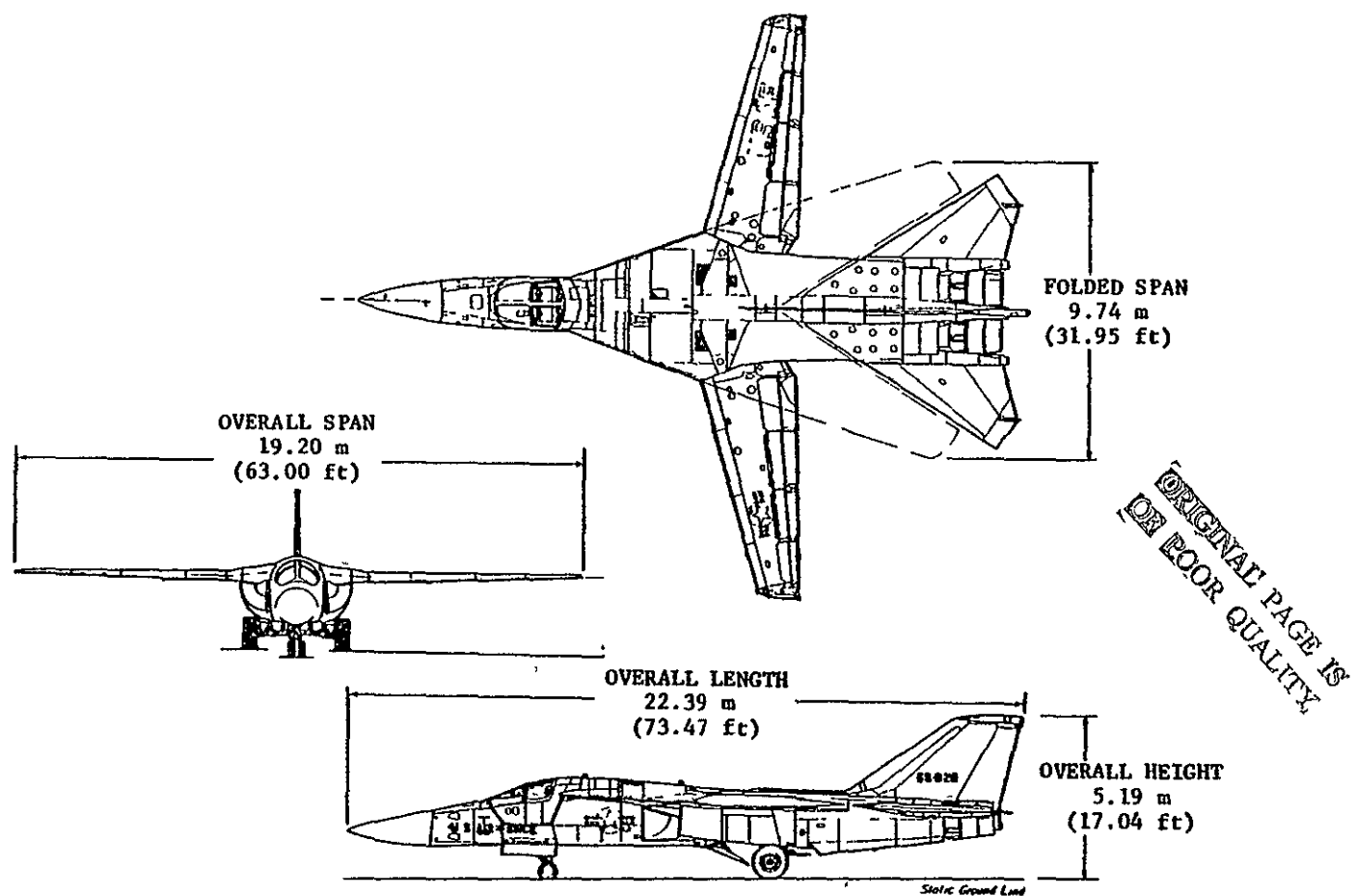


Figure 1. F-111A THREE-VIEW

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Table 3

PHYSICAL CHARACTERISTICS OF THE
F-111A AIRPLANE (NUMBER 13)

Wing -		
Airfoil section at pivot	NACA 64A210 7 (modified)*	
Airfoil section, tip	NACA 64A209 8 (modified)*	
Sweep, deg (leading edge)	16 to 71 5	
Incidence, deg	1	
Dihedral, deg	1	
Span area, mean aerodynamic chord	(See fig 2)	
Leading-edge slats		
Area (planform projected), ft ² (m ²)	60 7(5 64)	
Span percent of exposed wing-panel span	96 5	
Deflection, maximum, deg	45	
Trailing-edge flaps		
Type	Double Slotted Fowler	
Area (aft of hinge line) ft ² (m ²)	117 8(10 94)	
Span, percent of exposed wing-panel span		
Deflection, maximum, deg	37 5	
Spoilers		
Area (planform projected), ft ² (m ²)	28 6(2 66)	
Span, ft(m)	11 8(3 6)	
Deflection, maximum deg	45	
Wing pivot		
Distance from airplane nose, ft(m)	40 18(12 25)	
Distance from airplane centerline ft(m)	5 86(1 79)	
Horizontal tail (all movable) -		
Airfoil section	BICONVEX	
Incidence, deg	1	
Dihedral, deg	-1	
Sweep at leading edge, deg	57 5	
Span, ft(m)	29 3(8 93)	
Area (exposed), ft ² (m ²)	174 3(15 74)	
Area (movable), ft ² (m ²)	154 2(13 92)	
Aspect ratio	1 42	
Mean aerodynamic chord (exposed), in (cm)	137 5(349 3)	
Deflection, maximum, deg		
As elevators		
Trailing-edge up	(approx) 25	
Trailing-edge down	(approx) 10	
As ailerons (total)	(approx) =15	
Surface stops		
Trailing-edge up	(approx) 31	
Trailing-edge down	(approx) 16	
Vertical tail -		
Airfoil section	BICONVEX	
Sweep at leading edge, deg	55	
Span, ft(m)	8 9(2 71)	
Area, ft ² (m ²)	111 7(10 09)	
Aspect ratio	1 42	
Mean aerodynamic chord, in (cm)	159 3(404 6)	
Rudder		
Span, ft(m)	7 8(2 38)	
Area, ft ² (m ²)	29 3(2 65)	
Deflection, maximum, deg	=30	
Speed brake -		
Area, ft ² (m ²)	26 5(2 39)	
Deflection maximum deg	77	
Ventral -		
Area (total), ft ² (m ²)	25(2 26)	
Power plants -		
P & W TF30-P-3 engines	2	

* ALE = 16°

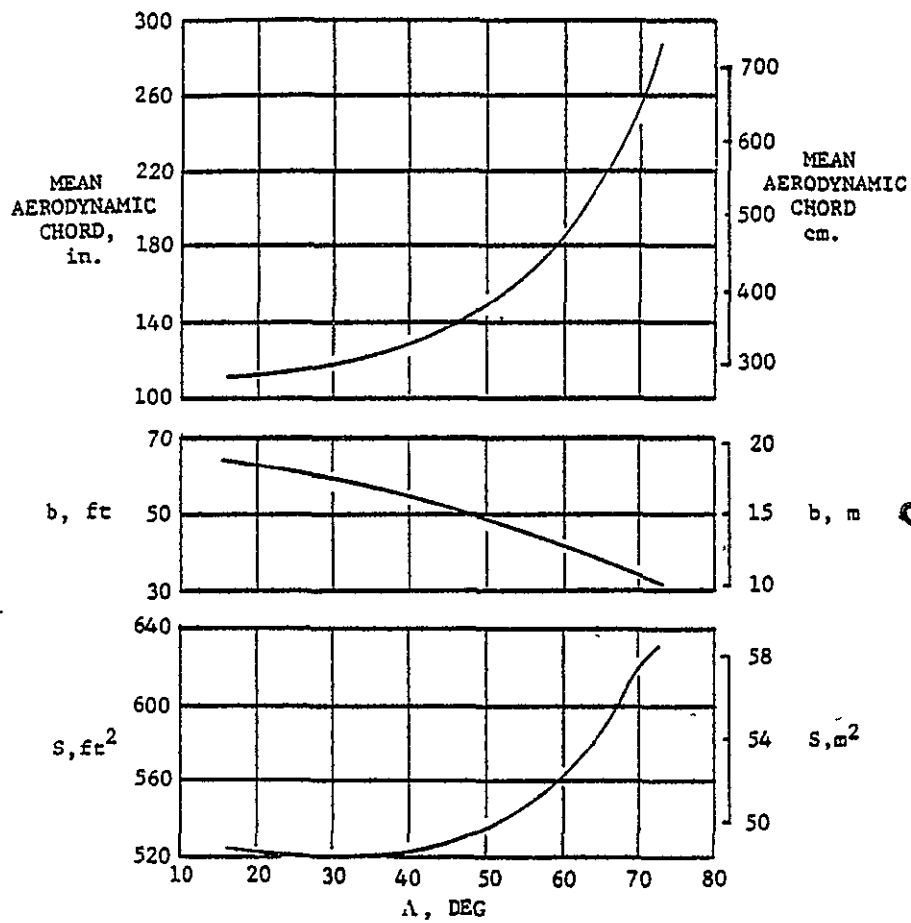


Figure 2 F-111A WING GEOMETRY AS A FUNCTION OF WING-SWEEP ANGLE

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SECTION 3

AIRCRAFT INSTRUMENTATION

The instrumentation system installed in the aircraft consisted of two 30 track and one 14 track FM analog magnetic tape recorders and various transducers throughout the airplane. IRIG B time reference signals were recorded on each tape recorder to provide time correlation. The general locations of the accelerometers pertinent to the buffet study are shown in Figure 3. The actual locations in terms of aircraft geometry references are listed in Table 4.

The characteristics of the accelerometers most of which were commercially available units are indicated in Table 5. The accuracies quoted refer to the nominal flat frequency response up to the limit frequency quoted. No calibration data exist above the quoted limit of flat frequency response, however, the natural resonant frequencies are well beyond 100 herz for all of the accelerometers.

The locations of the wing strain gage sensors pertinent to the buffet study are shown in Figure 4. Shear, bending moment and torque were measured at each of the four indicated wing stations on the right wing.

The locations of the strain gage sensors for the horizontal tail loads measurements are shown in Figure 5. Vertical shear bending moment and hingeline torque were measured at the

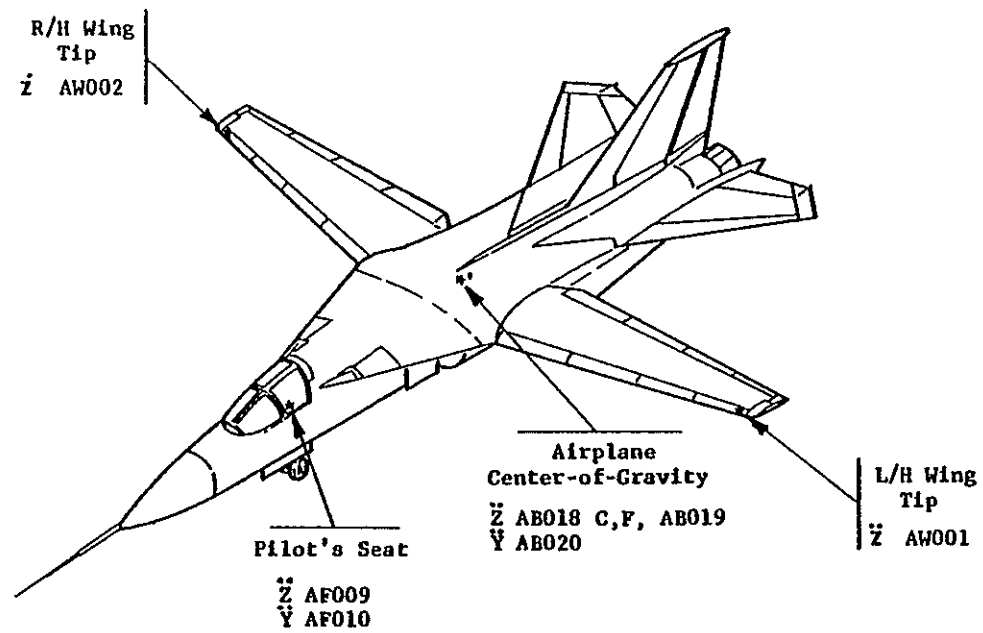


Figure 3. ACCELERATION MEASUREMENTS

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Table 4
ACCELEROMETER LOCATIONS

ITEM CODE	MEASUREMENT	LOCATION					
		FUSELAGE STATION		WATERLINE		BUIT LINE	
		METERS	INCHES	METERS	INCHES	METERS	INCHES
AB018	c g vertical	12 996	(511 64)	4 740	(186 62)	0	0
AB019	c g vertical	12 996	(511 64)	4 740	(186 62)	0	0
AB020	c.g. lateral	12.996	(511 64)	4.740	(186 62)	- 023	(- 89)
AF009	Pilot seat vertical	6.462 $\pm$.127	(254 40 $\pm$ 5.0)	4 245 $\pm$ 127	(167 12 $\pm$ 5 0)	- 133	(-5 25)
AF010	Pilot seat lateral	6 462 $\pm$ 127	(254 40 $\pm$ 5 0)	4.245 $\pm$ 127	(167.12 $\pm$ 5.0)	- 133	(-5.25)
AW001	Left wing tip - vertical	Front spar station 9 500 meters (374 inches) Wing span station 9.157 meters (360 5 inches) @ $\angle_{LE} = 16^\circ$					
AW002	Right wing tip - vertical						

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Table 5
ACCELEROMETER CHARACTERISTICS

ITEM CODE	MEASUREMENT	NOMINAL FULL SCALE RANGE*	SPECIFIED ACCURACY % FULL SCALE**	SPECIFIED FLAT FREQUENCY RESPONSE TO HZ.	RESONANT NAT. FREQ HZ.	FLIGHTS
AB018	C.G. Vertical	-3.5 to +6.5	± 5	25	Not Avail- able	48, 60
AB018	C.G. Vertical	± 15	± 3	42	530	70, 77, 78, 79
AB019	C.G. Vertical	± 10	± 5	325	--	ALL
AB020	C.G. Lateral	± 7.5	± 5	275	--	ALL
AF009	Pilot Seat Vertical	± 10	± 3	32	400	ALL
AF010	Pilot Seat Lateral	± 7.5	± 5	275	--	ALL
AW001	Left Wing Tip Vertical	± 25	± 5	500	--	ALL
AW002	Right Wing Tip Vertical	± 25	± 5	500	--	ALL

*The actual range calibrated varied from these nominal values.

**Over range of flat frequency response and at all temperatures between -70° and $+250^{\circ}$ F

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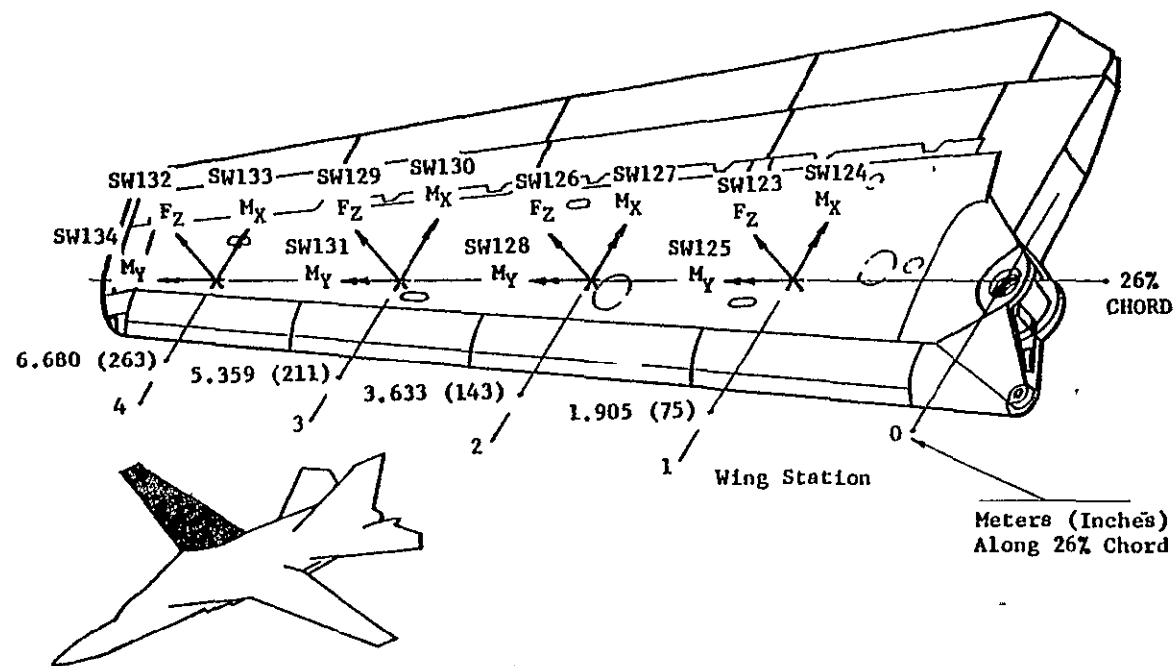


Figure 4. R/H WING-BOX LOADS MEASUREMENTS

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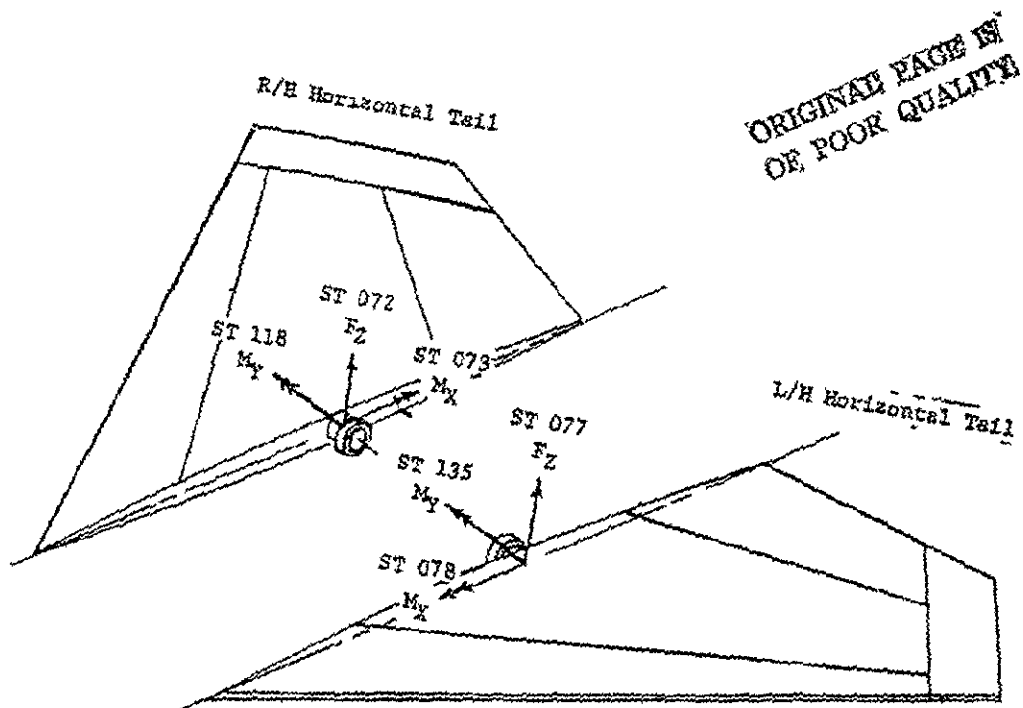


Figure 5. HORIZONTAL TAIL LOADS MEASUREMENTS

root of both the left and right horizontal tails. The sensitivities of the wing and tail loads measurements were governed by the fact that the loads were to be measured during maneuvers at load factors up to the maximum capability of the aircraft. As a consequence the signal-to-noise ratios for the present buffet studies were lower than is desirable. The calibration slopes for each channel of information are shown in Table 6.

In several cases the frequency response upper limit for the measurements was set by the subchannel characteristics of the flight recording system. Table 7 lists the appropriate nominal limit frequency of subchannel arrangements for each flight selected for detailed analysis

Other pertinent measurements such as angle of attack, Mach number, altitude, fuel remaining, horizontal tail position and spoiler position were also recorded on the FM tapes

TABLE 6
CALIBRATION SLOPES - UNITS/PERCENT OF BANDWIDTH

ITEM	MEASUREMENT	S I. UNITS	U S CUST UNITS	FLT 48		FLT 59-61		FLT 70		FLTS 77, 78		FLT 79	
				S I.	CUST	S I.	CUST	S I.	CUST	S I.	CUST	S I.	CUST
AW001	LMT-Vert	g's	g's		50304		50304		33578		33578		33578
AW002	RWT-Vert	g's	g's		50232		50232		33322		33322		33322
AB018C	CG-Vert	g's	g's		130		130		10690		10313		18339
AB018F	CG-Vert	g's	g's		010		010		---		---		---
AB019	CG-Vert	g's	g's		20142		20142		20172		20172		20172
AB020	CG-Vert	g's	g's		05129		05129		05052		05052		05052
AF009	P S -Vert	g's	g's		15306		15306		29280		29280		29280
AF010	P S.-Lat	g's	g's		10232		10232		10128		10128		10128
AB015	Ang Roll	rad/sec ²	rad/sec ²		53569		53569		3012		3012		3012
AB016	Ang. Pitch	rad/sec ²	rad/sec ²		32175		32175		0998		0998		0998
SW123	Shear-W S 1	N	lbs	8011	1801	8011	1801	11770	2464	11770	2464	11926	2681
SW124	B.M -W S 1	m-N	in-lbs	22517	202896	22517	202896	37110	334383	37110	334383	37393	336937
SW125	TOR -W S 1	m-N	in-lbs	4136	37264	4136	37264	3913	35263	3913	35263	3969	35767
SW126	Shear-W S.2	N	lbs	5124	1152	5124	1152	9475	2130	9475	2130	9608	2160
SW127	B M -W S 2	m-N	in-lbs	9981	89935	9981	89935	9828	88557	9828	88557	9897	89181
SW128	TOR -W S 2	m-N	in-lbs	1251	11268	2501	22535	2798	25215	2798	25215	2834	25539
SW129	Shear-W S 3	N	lbs	2358	530	2358	530	3479	782	3479	782	3523	792
SW130	B.M.-W S 3	m-N	in-lbs	2800	25228	2800	25228	4160	37481	4160	37481	4197	37821
SW131	TOR -W S 3	m-N	in-lbs	1008	9084	1008	9804	964	8690	964	8690	982	8847
SW132	Shear-W.S 4	N	lbs	801	180	801	180	1561	351	1561	351	1588	357
SW133	B M -W S 4	m-N	in-lbs	393	3541	393	3541	758	6835	758	6835	765	6896
SW134	TOR -W S 4	m-N	in-lbs	188	1694	188	1694	344	3100	344	3100	349	3142
DM001C	α	deg	deg		875		875		875		875		875
DM001F	α	deg	deg		080		080		080		080		080
DM002F	β	deg	deg		080		080		080		080		080
DM001	L Inbd Spoil	deg	deg		60		60		60		60		60
DM002	R Inbd Spoil	deg	deg		60		60		60		60		60
DM003	L Outb Spoil	deg	deg		60		60		60		60		60
DM001	R Outb Spoil	deg	deg		60		60		60		60		60
DT003C	L Hor T	deg	deg		88		88		88		88		88
DT004C	R Hor T	deg	deg		88		88		88		88		88
PD016F	Mach	---	---		0034		0034		0034		0034		0034
PD004F	Alt	m	Ft	15 24	50	15 24	50	---	---	---	---	---	---
PD022F	Alt	m	Ft	---	---	---	---	12 192	40	12 192	40	12 192	40

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Table 6 (Concluded)

ITEM	MEASUREMENT	S I.	U.S	FLT 48		FLTS 59,60,61		FLT 70		FLTS 77,78		FLT 79	
		UNITS	CUST. UNITS	S I	CUST.	S I.	CUST.	S.I.	CUST	S I	CUST	S I	CUST
ST072	R/H H.T. SHEAR	N	lbs	5249	1180	5249	1180	8051	1810	8051	1810	8051	1810
ST073	R/H H.T. BEND MOM.	M-N	in-lbs	5512	49663	5512	49663	6978	62874	6978	62874	-	-
ST073S	R/H H T. BEND. MOM.	M-N	in-lbs	-	-	-	-	-	-	-	-	5256	47363
ST0118	R/H H T TORQUE	M-N	in-lbs	2377	21416	2377	21416	2443	22014	2443	22014	2458	22151
ST077	L/H H.T. SHEAR	N	lbs	4466	1004	4466	1004	4466	1004	4466	1004	4497	1011
ST078	L/H H.T. BEND. MOM.	M-N	in-lbs	3485	31402	3485	31402	6970	62804	6970	62804	4860	42185
ST135	L/H H.T. TORQUE	M-N	in-lbs	2134	19233	2134	19233	2134	19233	2134	19233	2148	19357

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Table 7

FLIGHT RECORDER FREQUENCY RESPONSE CHARACTERISTICS

ITEM CODE	FLIGHTS 48-61		FLIGHTS 70-79	
	IRIG CHANNEL	FILTER FREQ. - HZ	IRIG CHANNEL	FILTER FREQ. - HZ
AW001	8	45	11	110
AW002	12	160	12	160
AB018	14	330	11	110
AB019	9	59	8	45
AB020	14	330	9	59
AF009	11	110	12	160
AF010	12	160	10	81
SW123	10	81	7	35
SW124	11	110	8	45
SW125	12	160	9	59
SW126	13	220	10	81
SW127	8	45	11	110
SW128	9	59	12	160
SW129	10	81	13	220
SW130	11	110	6	25
SW131	12	160	7	35
SW132	13	220	8	45
SW133	8	45	9	59
SW134	9	59	10	81
ST072	11	110	11	110
ST073	12	160	13	220
ST118	13	220	10	81
ST077	8	45	12	160
ST078	9	59	11	110
ST135	8	45	9	59

SECTION 4

BASIC DATA PROCESSING METHODS

During the Loads Demonstration Flight Program, the FM analog magnetic tapes containing raw flight test data were processed by automated processing techniques. The data were first played out on strip chart recorders for instrumentation verification. Next, the data were digitized at sample rates of up to 20 samples per second under computer control. Either 10 or 20 samples per second were used for the data pertinent to this study. The digitized data were then scaled, calibrated and output in computer listings and computer tapes for additional processing on an IBM System/360. Second generation computer runs were made to obtain corrected flight condition data such as gross weight, Mach number, altitude, dynamic pressure and fuel distribution at 1-second intervals.

Microfilm records of the computer listings from the original flight program data reduction were used in the present program to make plots of angle of attack, normal load factor, Mach number and dynamic pressure as functions of flight time and to identify the gross weights and altitudes for the selected flight maneuvers. The Mach number, altitude and dynamic pressure data include corrections for position error. The angles of attack from the basic reduction are indicated angles and do not include the effect of

upwash at the nose boom. A correction formula to account for the upwash is

$$\alpha_T = 0.318 + 0.931 \alpha \text{ (degrees).}$$

It was not considered fruitful to apply this correction in the various plots presented in this report because corrections to the wing angle of attack due to structural flexibility are much larger in magnitude and can only be approximated. Both corrections were considered in selecting the time intervals for the stochastic analysis in Phase II in order to obtain agreement with existing wind tunnel model data insofar as possible.

Time histories were made of about 30 items of instrumentation measurements which were considered pertinent to the buffet study. Examples of each of the strip chart records have been previously presented in the Phase I report (Reference 1). These records were used to aid in the process of selecting the maneuvers for the Phase II Study. The records for the Phase II Study maneuvers were in general too large to be legibly reproduced on an unfolded page.

SECTION 5

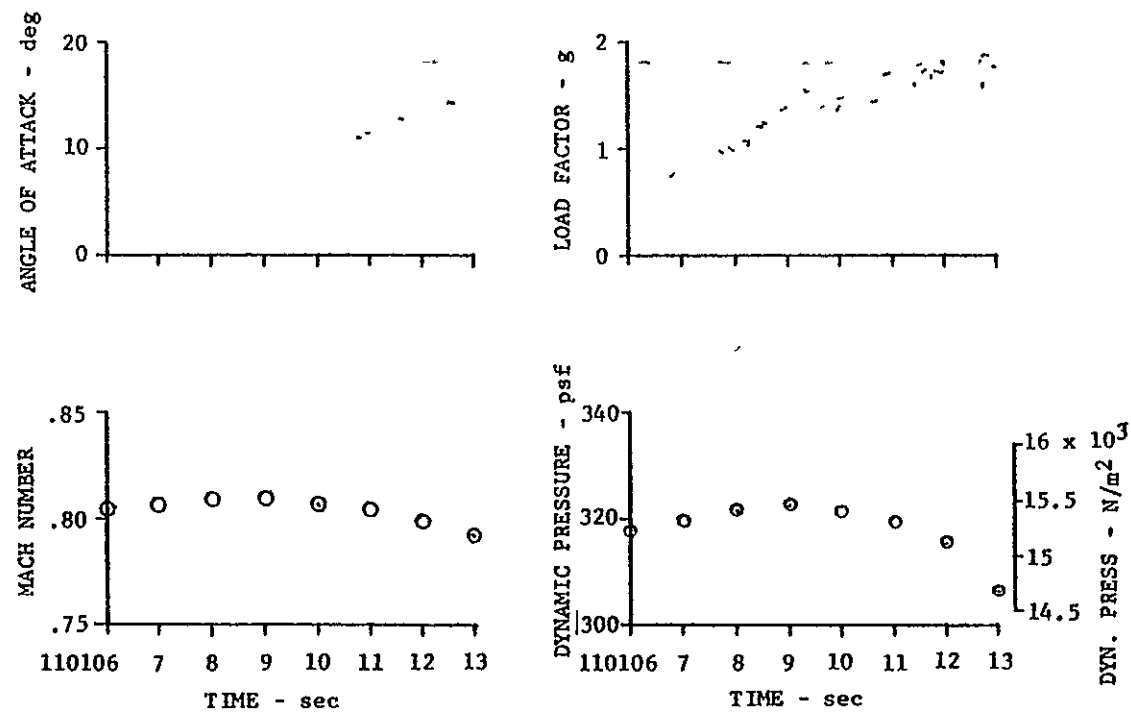
FLIGHT CONDITIONS FOR DETAILED ANALYSIS

In the Phase II Study the major criterion for selecting the particular flight maneuvers was matching insofar as possible conditions of wing sweep, Mach number and angle of attack for which wind tunnel data already existed. It was considered important to use maneuvers for at least two additional wing sweeps and at both subsonic and supersonic speeds. The four wind up turn maneuvers listed in Table 2 were selected on that basis.

A question had arisen in the Phase I Study with respect to the character of the structural responses as deduced from relatively short time samples. The two slowdown turn maneuvers listed in Table 2 were chosen to examine whether or not short time samples and longer time samples gave consistent results

Variations of angle of attack, load factor Mach number and dynamic pressure with flight time are presented in Figure for each of the selected maneuvers.

Table 8 lists the segments of each maneuver selected for detailed analysis. In most cases the time duration of the records (ΔT) is one second, but some longer records were used. The table also lists the indicated angle of attack at the start

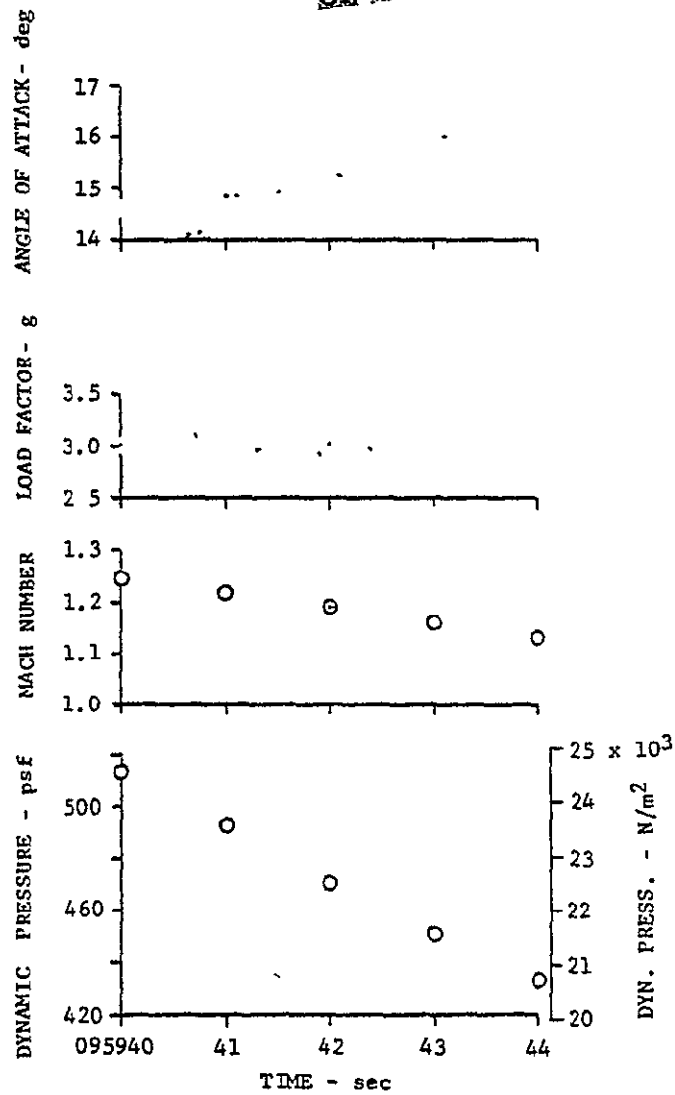


a) FLIGHT 61, R227, WINDUP TURN.

Figure 6. FLIGHT CONDITIONS FOR SELECTED MANEUVERS

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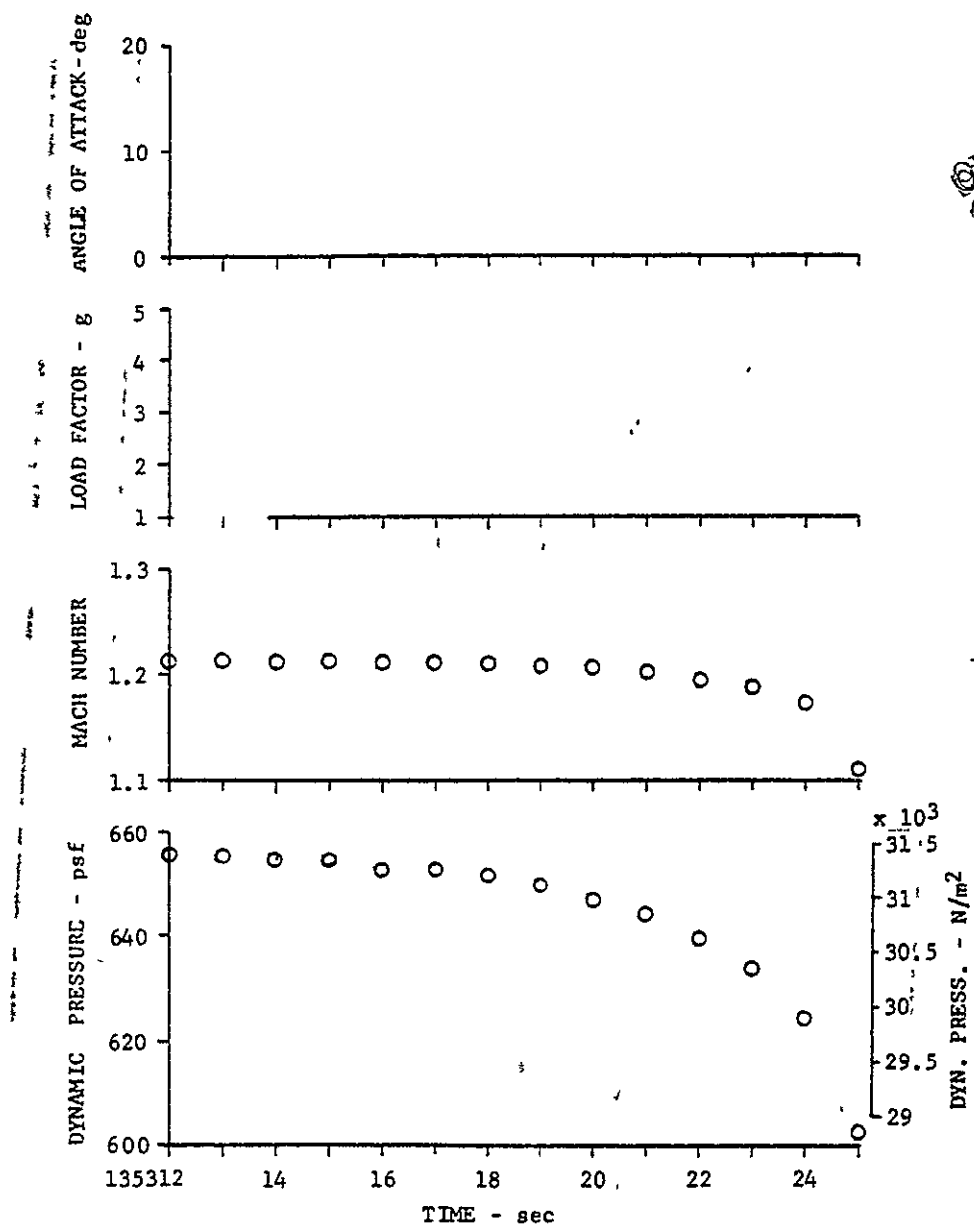
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b) FLIGHT 51, S38/150, SLOW DOWN TURN

Figure 6. Continued

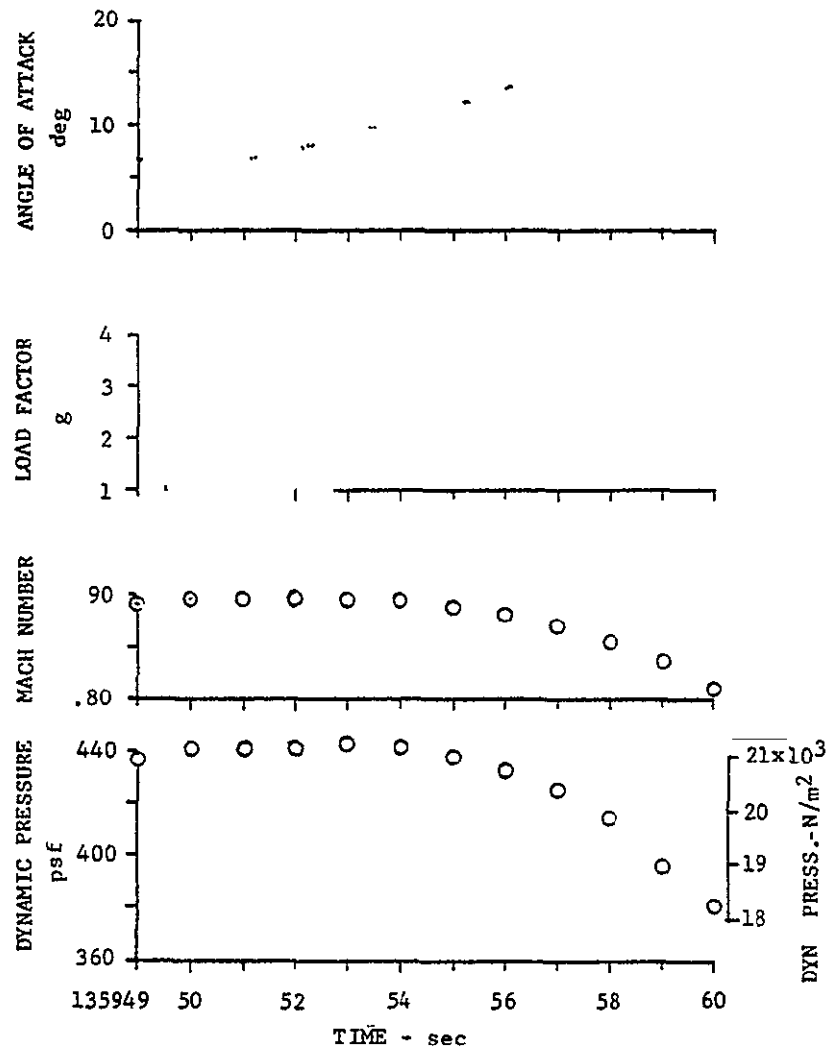
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c) FLIGHT 48, Run 4, WINDUP TURN

Figure 6. Continued

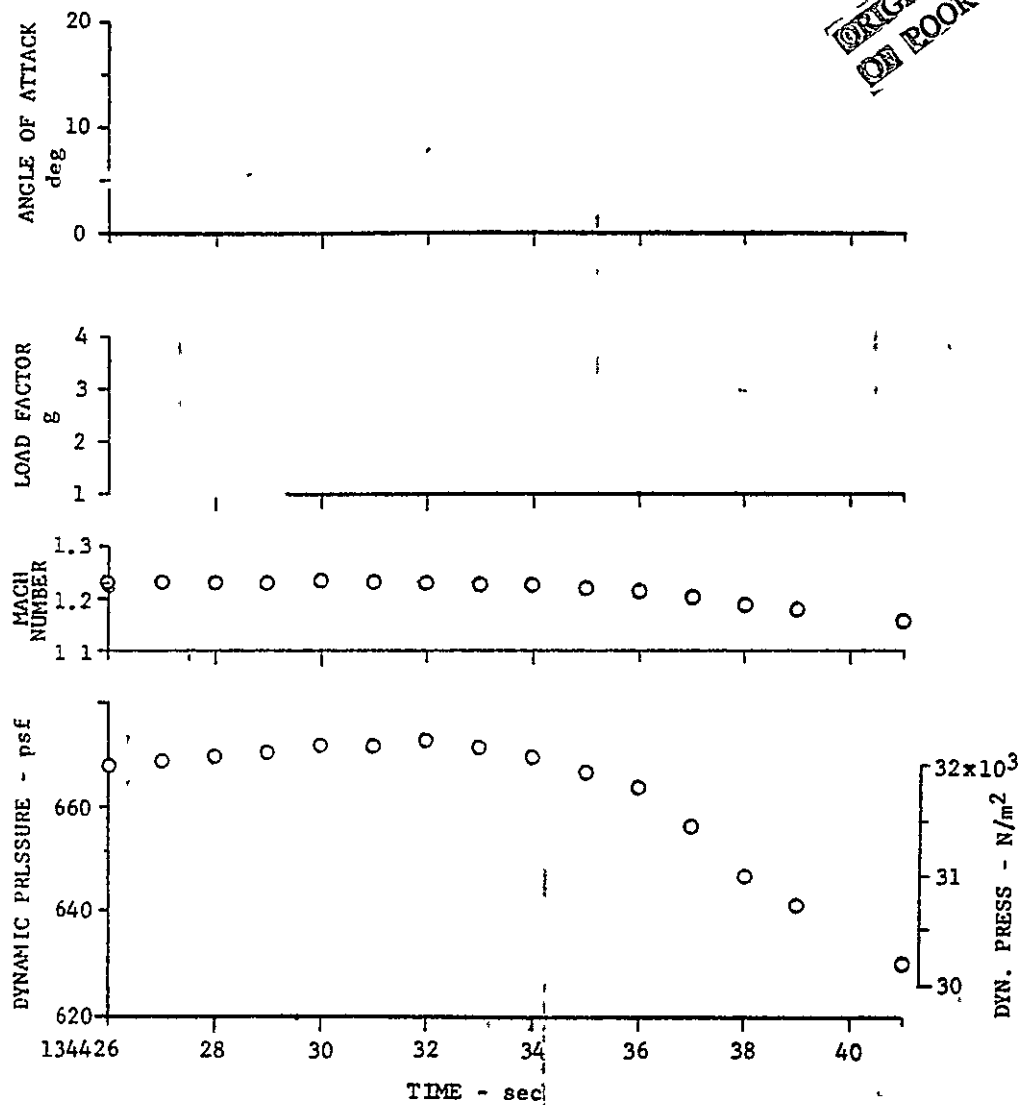
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d) FLIGHT 48, RUN 7R1, WINDUP TURN

Figure 6. Continued

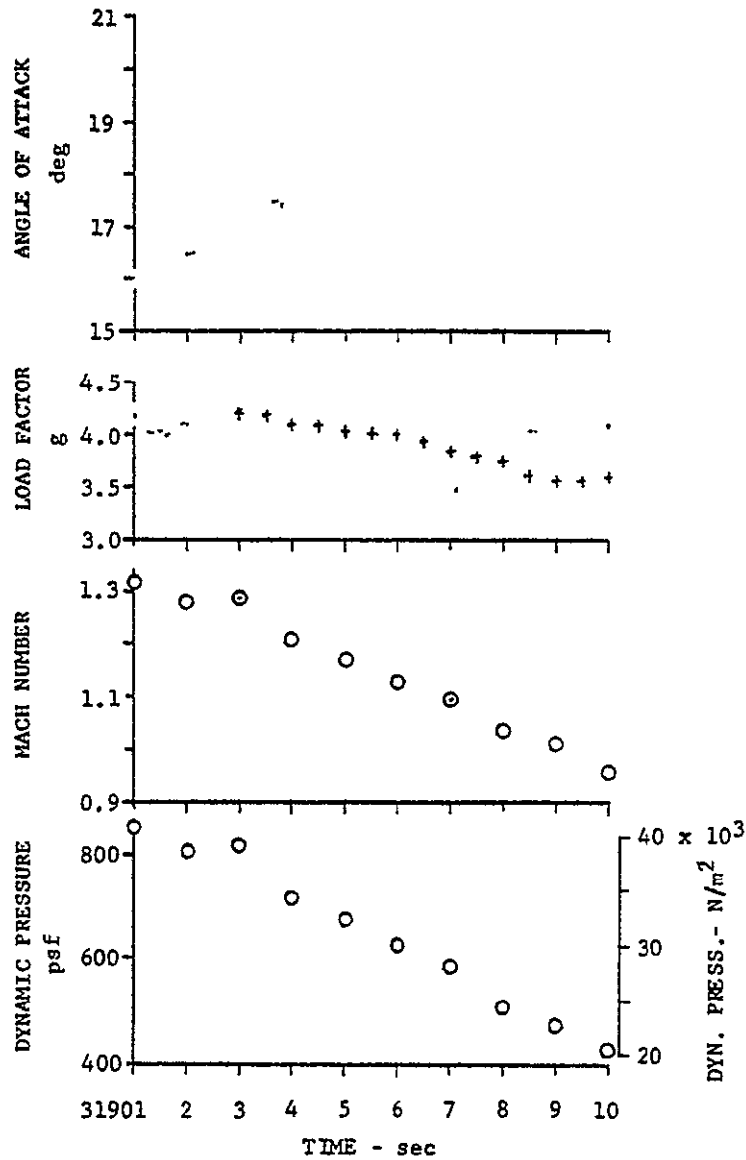
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e) FLIGHT 48, Run 5, WINDUP TURN

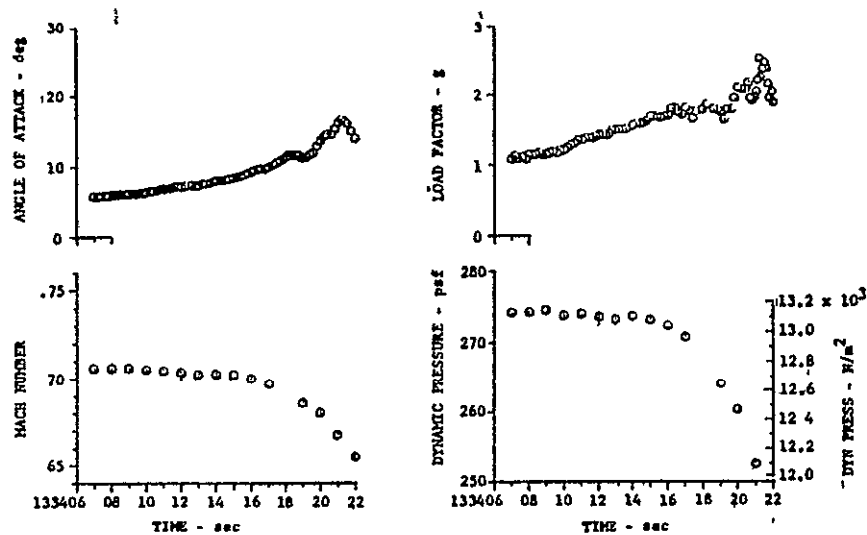
Figure 6. Continued

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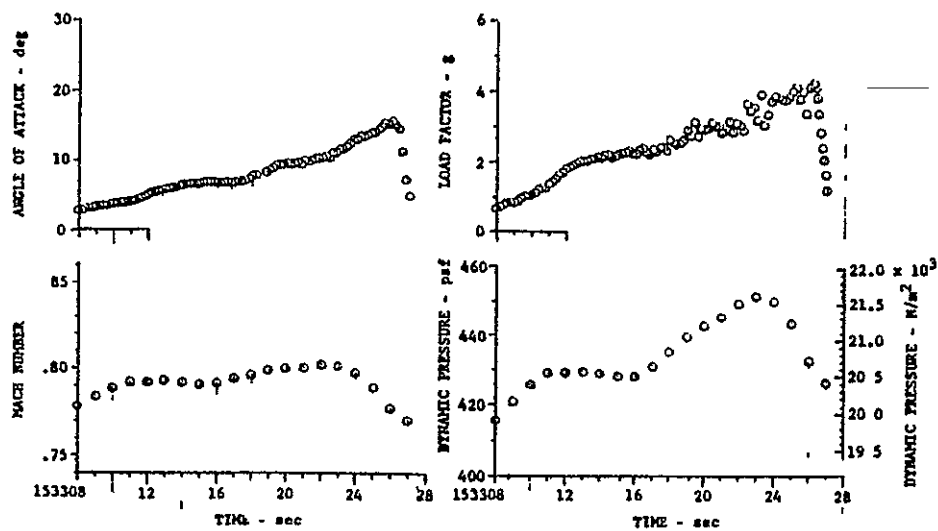
f) FLIGHT 59, Run S132R, SLOW DOWN TURN

Figure 6. Continued



(g) FLIGHT 48, RUN 6, WINDUP TURN

Figure 6. Continued



(h) FLIGHT 77, RUN 84C-R, WINDUP TURN

Figure 6. Concluded

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Table 8
FLIGHT POINTS SELECTED FOR STOCHASTIC ANALYSIS

Flight	Run	Point	Start Time T ₁	Stop Time T ₂	ΔT (SEC)	a ₁ (DEG)	a ₂ (DEG)	a _{avg} (DEG)	a _{hor} (DEG)	Δa (DEG)
61	R227	1	110107 9	110108 9	1	7 10	9 25	--	8 05	2 15
		2	110108 4	110109 4	1	8 05	10 10	--	9 25	2 05
		3	110109 7	110110 7	1	10 10	10 80	--	10 42	0 70
		4	110110 6	110111 6	1	10 60	12 70	--	11 65	2 10
		5	110112 0	110113 0	1	12 90	14 60	14 60	13 75	1 70
31	S38/150	1	95940 0	95942 0	2	14 55	15 12	--	14 85	0 75
		2	95943 0	95944 0	1	15 95	16 45	--	16 25	0 50
		3	95940 0	95944 0	4	14 55	16 45	--	15 12	1 90
48	4	1	135315 7	135316 7	1	4 70	5 50	--	4 95	0 80
		2	135320 7	135321 7	1	8 20	9 80	--	8 90	1 60
		3	135322 8	135323 8	1	12 10	13 70	--	12 95	1 70
		4	135323 9	135324 9	1	13 70	13 90	15 0	14 3	1 30
48	7R1	1	135951 7	135952 7	1	7 15	8 65	--	8 00	1 50
		2	135952 7	135953 7	1	8 65	10 00	--	9 40	1 35
		3	135954 3	135955 3	1	10 75	12 20	--	11 62	1 45
		4	135956 8	135957 8	1	14 15	16 15	--	15 15	2 00
		5	135958 55	135959 55	1	17 90	18 90	19 35	18 70	1 45
48	5	1	134426 2	134427 2	1	4 80	4 80	--	4 80	+0 1
		2	134432 3	134433 3	1	8 00	8 80	--	8 41	0 80
		3	134436 2	134437 2	1	11 30	12 70	--	12 10	1 40
		4	134439 65	134440 65	1	14 95	16 75	--	15 95	1 80
59	S132R	1	31901 0	31903 0	2	15 95	17 55	--	16 75	1 60
		2	31903 0	31905 0	2	17 55	18 13	--	17 75	0 63
		3	31907 0	31909 0	2	19 55	19 60	20 00	19 80	0 45
48	6*	3	133415 0	133416 0	1	8 72	9 55	--	9 1	0 83
		4	133416 7	133417 7	1	9 70	10 75	--	10 2	1 05
		5	133417 3	133418 3	1	10 30	11 75	--	11 1	1 45
		6	133419 0	133420 0	1	11 15	13 55	--	12 3	2 40
		7	133420 3	133421 3	1	14 25	16 60	--	15 3	2 35
77	S4C-R*	7	153311 0	153313 0	2	4 22	5 98	--	5 1	1 76
		8	153315 5	153317 5	2	7 00	7 32	--	7 1	0 32
		9	153318 5	153320 5	2	8 45	9 65	--	9 2	1 24
		10	153322 35	153324 35	2	10 85	13 40	--	12 2	2 55
		11	153324 35	153326 35	2	13 40	15 35	15 55	14 8	2 15

* Phase I selections used in Phase II for consistency

of each record (α_1), at the end of each record (α_2) and in a few cases the maximum angle of attack occurring during the record ($\alpha_{\max}$). A nominal angle of attack (α_{nom}) has been assigned to each data segment which is used later to plot trends in the variations of instrument responses with angle of attack.

SECTION 6

STOCHASTIC ANALYSIS TECHNIQUES

The analysis techniques used in this study are compatible with American National Standard (ANS S2.10-1971) recommended methods for analysis and presentation of shock and vibration data. A quick-look examination was performed on each time-history measurement to determine the data classification, degree of stationarity, record length and recoverability.

Measurements

Data reduction was performed on the following data:

1. Shear, bending moment and torsion at four wing stations, (12 measurements).
2. Shear, bending moment and hingeline torque at the root of both left and right horizontal tails (6 measurements)
3. Two wing tip accelerometers (verticals)
4. Two c.g. vertical and one c.g. lateral accelerometers.
5. Pilot's seat vertical and lateral accelerometer.

The stochastic analysis performed on these items was limited to power spectral densities (PSD) and average rms values for each data sample. A total of 660 PSD's were processed in Phase II.

In addition a few narrow band time histories were made for selected wing instrumentation items.

Special-Purpose Processing

A block diagram of the special-purpose stochastic equipment is shown in Figure 7. The FM signal is discriminated to recover the analog signal. Band-pass filters at 3 Hz and 100 Hz (48 dB per octave) were used to reject unwanted frequencies and to minimize aliasing effects on the sampled data. The data is calibrated at this point. The T/D 100 analyzer was used to compute the PSD's. The stochastic algorithm utilized by the T/D 100 to perform this function is discussed below.

Prior to the Phase II Study the equipment was modified to achieve a direct interface with an SEL-810A mini-computer which then permitted direct recording of the output of the T/D-100 on magnetic tape. The tapes were then used as input to a plotting routine.

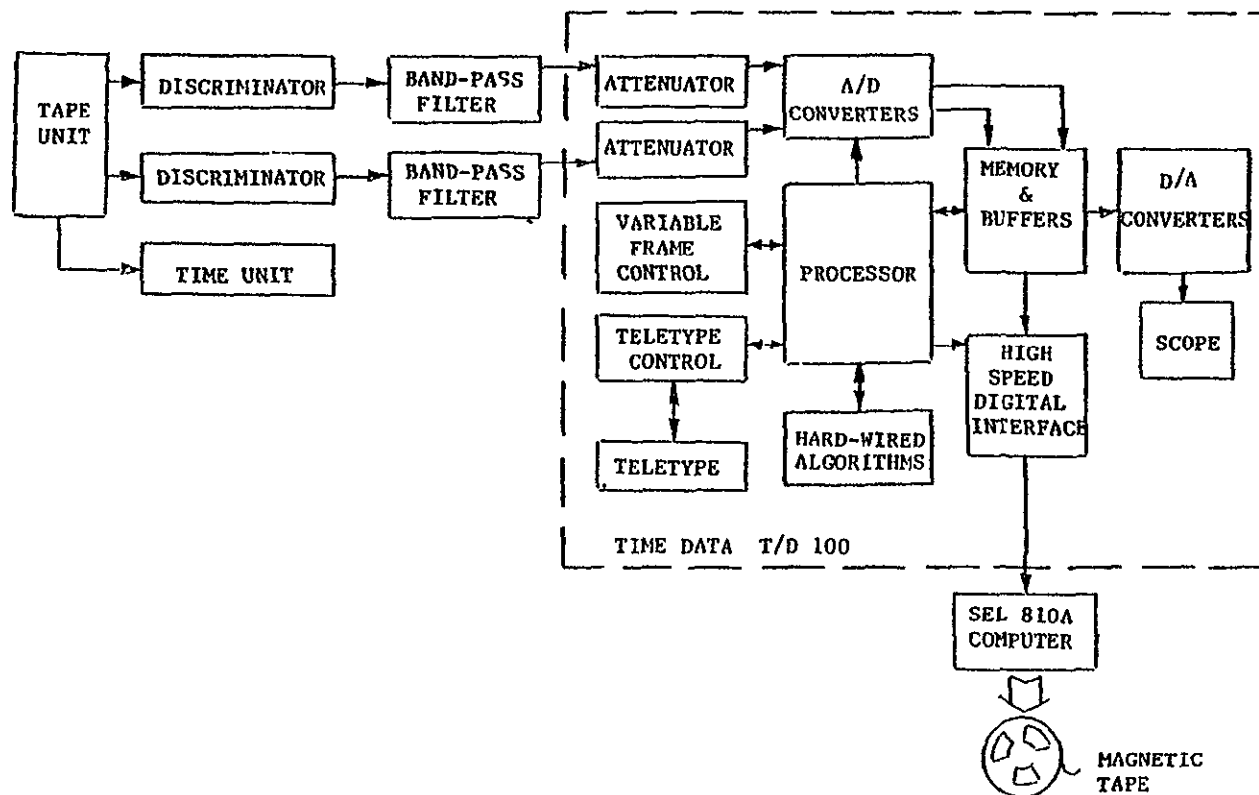


Figure 7. STOCHASTIC SPECIAL-PURPOSE EQUIPMENT

Auto-Spectral Density (PSD)

The T/D 100 computes the PSD coefficients by first approximating the complex Fourier transform of the input signal. The Fourier transform of the time-domain input function $x(t)$, is given by:

$$G(jf) = \int_{-\infty}^{+\infty} x(t)(\cos 2\pi ft - j \sin 2\pi ft) dt \quad (1)$$

where $j = \sqrt{-1}$. Since the time-domain input is sampled and quantitized in the analyzer, and only a finite number of samples are available, the finite transform is used, and separated into its real $P(f)$ and imaginary $Q(f)$ components can be written as follows:

$$P_T(f) = \int_{-T/2}^{T/2} x(t) \cos 2\pi ft dt \quad (2)$$

$$Q_T(f) = \int_{-T/2}^{T/2} x(t) \sin 2\pi ft dt \quad (3)$$

where T is the length of the input frame, which is assumed to be centered about time $t=0$.

Replacing the continuous input, $x(t)$, with a set of $2N+1$ discrete samples at intervals of $t_0 = \frac{1}{2N}$, and replacing the sinusoidal functions by corresponding values, the continuous integrals may be expressed as the sum of products:

$$P(kf_0) = \sum_{n=-N}^{+N} x(nt_0) \cos [2 \quad kf_0(nt_0)] \quad (4)$$

$$Q(kf_0) = - \sum_{n=-N}^{+N} x(nt_0) \sin [2 \quad kf_0(nt_0)] \quad (5)$$

where k is a series of $2N$ integers and f_0 is the base frequency which is equal to $\frac{1}{2T}$.

The PSD coefficients $[S(kf_0)]$ are then computed from (4) and (5) by the equation:

$$S(kf_0) = |P(kf_0)|^2 + |Q(kf_0)|^2 \quad (6)$$

Average rms (Ψ_T)

The average rms of the input signal is calculated from the PSD coefficients $[S(kf_0)]$ by the following equation:

$$\Psi_T = \sqrt{f_0 \sum_{k=0}^{2N} S(kf_0)}$$

where $f_0 = \frac{1}{2NT}$ is the base frequency or analysis bandwidth.

SECTION 7

PRESENTATION OF TABULATED DATA

During the course of the Phase II study, approximately 660 power spectra were obtained. These data have two primary uses. First, they permit identification of the significant modal contributions through comparison with ground vibration test data obtained in the F-111 development program. Second, they provide the data base for assessment of prediction methods.

The spectral content of the structural responses is related to the natural vibration modes. Summaries are presented of the natural vibration mode frequencies as determined from ground vibration tests and also as calculated using a finite element representation of the aircraft structure for each wing sweep. These data are useful for interpreting the power spectra.

Natural Vibration Modes

The measured natural vibration modes and their associated frequencies are presented in Tables 9 through 11 for wing sweeps of 26, 50, and 72.5 degrees. These data were obtained during extensive ground vibration tests conducted on aircraft in the F-111 development program and are taken from References 4 and 5. In addition, calculated modes were determined for specific flight conditions for use in the prediction method development and evaluation portions of the contracted investigation. The calculated

Table 9

MEASURED F-111A NATURAL VIBRATION MODES, $\Lambda_{LE} = 26^\circ$

Predominant Mode (Airplane No. 12 Tests)	Frequency - Hz			
	Fuse. Empty, Wing Empty		Fuse. Full, Wing Empty	
	Symmetric	Antisymmetric	Symmetric	Antisymmetric
Wing First Bending	5.2	7.6	5.1	7.1
Fuselage First Vertical Bending	8.6	---	8.0	---
Fuselage First Lateral Bending	---	---	---	8.7
Wing Fore and Aft Bending	7.9	9.3	8.8	8.7
Wing Second Bending	16.9	29.2	17.8	29.0
Wing-Horizontal Tail	---	16.2, 17.5	---	17.5
First Wing Torsion	25.2	25.4	25.7	26.1
Horizontal Tail First Bending	13.6	13.3	13.8	13.1
Horizontal Tail Fore and Aft	15.2	15.3	16.3	16.2
Horizontal Tail Pitch	34.4	37.3, 31.0	30.9	29.5, 36.1
Vertical Tail Bending	---	9.9	---	9.6
Vertical Tail Torsion	---	28.0	---	11.7
Rudder Rotation	---	32.7	---	28.3
Rudder Torsion	---	45.0	---	44.8
Rotating Glove				
Leading Edge Bending	27.4			
Yaw	44.3			
Pitch	50.9			
Aft End Bending	63.8			
Spoiler Modes (From Airplane No. 1 Tests)				
Spoiler No. 1			46, 56, 62	53, 60
Spoiler No. 2			55, 65, 72	68

Table 10
MEASURED F-111A NATURAL VIBRATION MODES, $\Lambda_{LE} = 50^\circ$

PREDOMINANT MODE AIRPLANE NO 12 TESTS	Frequency - HZ			
	Fuse Full	Wing Empty	Fuse Full	Wing Full
	Symmetric	Antisymmetric	Symmetric	Antisymmetric
Wing First Bending	5.0	6.6	4.1	6.0
Fuselage First Vertical Bending	8.0	-	7.9	-
Fuselage First Lateral Bending	-	8.9	-	8.9
Wing Fore and Aft Bending	8.7	7.3	5.8	5.2
Wing Second Bending	17.5	28.9, 30.6	13.0	26.1
Wing - Horizontal Tail	15.8	16.5	-	14.7
Wing First Torsion	26.4	26.1	23.8	24.5
Horizontal Tail Bending	13.3	12.8	13.1	11.9
Horizontal Tail Fore and Aft	16.3	16.6	16.2	16.5
Horizontal Tail Pitch	21.4, 33.7	29.8, 35.9	31.8, 35.6	29.3, 36.5
Vertical Tail Bending	-	9.7, 11.5	-	9.7, 11.6
Vertical Tail Torsion	-	27.6	-	27.5
Rudder Rotation	-	32.0	-	32.6
Rudder Torsion	-	45.0	-	45.4
Airplane 13 Tests				
(Close Tolerance Hor. Tail Bushings)				
Horizontal Tail First Bending	13.3	12.8	-	-
Horizontal Tail Fore and Aft	16.9	17.0	-	-
Horizontal Tail Pitch	34.2, 39.0	37.9, 43.2	-	-
Horizontal Tail Second Bending	-	47.2, 52.4	-	-

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Table 11
MEASURED F-111A NATURAL VIBRATION MODES, $\Lambda_{LE} = 70^\circ$

PROMINANT MODE AIRPLANE NO. 12 TESTS	Frequency - HZ			
	Fuse Full Wing Empty		Fuse Full Wing Full	
	Symmetric	Antisymmetric	Symmetric	Antisymmetric
Wing First Bending	5 0	5.8	3.8	4.9
Fuselage First Vertical Bending	8 0	-	7.8	-
Fuselage First Lateral Bending	-	9.0	-	8 3
Wing Fore and Aft Bending	8 0	7.3	5 6	5.6
Wing Second Bending	17.4	30 0	12.9	26.4
Wing - Horizontal Tail	16 1	16.6	-	14.4
Wing Torsion	26 2	27.1, 28.7 29.4, 31.0	23.7	24.5
Wing - Flap	-	-	-	29.4, 29.6
Horizontal Tail Bending	13.3	12 6	-	-
Horizontal Tail Fore and Aft	16.2	16.5	-	-
Horizontal Tail Pitch	31 8, 35 2	29.6, 36 3	-	-
Vertical Tail Bending	-	9 7	-	-
Vertical Tail Torsion	-	27 7	-	-
Rudder Rotation	-	31 9	-	-
Rudder Torsion	-	44.5	-	-

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Table 12
CALCULATED F-111A SYMMETRIC VIBRATION MODES

$\Lambda_{LE} = 26^\circ$

GW = 266,044N (59,800 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	4.794
2	First Fuselage Vertical Bending	7.013
3	Horizontal Tail Bending + Sec. Wing Bend. + Sec. Fus. Bend.	13.930
4	Horizontal Tail Bending + Second Wing Bending	14.828
5	Second Wing Bending	17.010
6	Third Fuselage Bending + Wing Torsion	22.853
7	First Wing Torsion	24.064
8	Horizontal Tail Second Bending	27.521
9	Third Wing Bending	30.666
10	Horizontal Tail Torsion	33.893
11	Fuselage Fourth Bending + Second Wing Torsion	37.573
12	Second Wing Torsion	39.229

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Table 13

CALCULATED F-111A SYMMETRIC VIBRATION MODES

$\Lambda_{LE} = 26^\circ$ GW = .293,138N (65936 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	4.792
2	First Fuselage Vertical Bending	6.870
3	Wing - Horizontal Tail (in-phase) + Sec Fuse Bending	13.894
4	Wing - Horizontal Tail (out of phase)	14.721
5	Second Wing Bending	17.110
6	Third Fuselage Bending + Wing Torsion	22.665
7	First Wing Torsion	24.024
8	Horizontal Tail Second Bending	27.197
9	Third Wing Bending	30.446
10	Horizontal Tail Torsion	33.884
11	Fourth Fuselage Bending + Wing Second Torsion	37.551
12	Second Wing Torsion	39.076

Table 14

CALCULATED F-111A SYMMETRIC VIBRATION MODES

 $\Lambda_{LE} = 50^\circ$ GW = 331,392N (74,515 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	4 908
2	First Fuselage Vertical Bending	6 736
3	Wing - Horizontal Tail (in-phase) + Fuselage Second Bending	13.529
4	Wing - Horizontal Tail (out of phase)	15.218
5	Second Wing Bending	16.762
6	Third Fuselage Bending + Wing Torsion	21 836
7	First Wing Torsion	24.217
8	Horizontal Tail Second Bending	25 987
9	Third Wing Bending + Horizontal Tail Pitch	31.293
10	Horizontal Tail Pitch	33.869
11	Horizontal Tail Bending + Third Wing Bending	37.618
12	Wing Second Torsion + Horizontal Tail Pitch	39.377

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Table 15
CALCULATED F-111A SYMMETRIC VIBRATION MODES
 $\Lambda_{LE} = 72.5$ GW = 268,673N (60,419 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	4.849
2	First Fuselage Vertical Bending	6.913
3	Wing - Horizontal Tail (in-phase) + Fuselage Second Bending	14.391
4	Wing - Horizontal Tail (out of phase)	15.425
5	Second Wing Bending	17.794
6	Third Fuselage Bending + Wing Torsion	22.927
7	First Wing Torsion	24.571
8	Horizontal Tail Second Bending	27.448
9	Third Wing Torsion + Horizontal Tail Pitch	31.927
10	Horizontal Tail Pitch	33.898
11	Second Wing Torsion	39.260
12	Horizontal Tail Torsion	39.856

Table 16

CALCULATED F-111A ANTISYMMETRIC VIBRATION MODES

 $\Lambda_{LE} = 26^\circ$

GW = 266,044N (59,800 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	7.417
2	First Fuselage Lateral Bending	8.119
3	Vertical Tail Bending + Wing Bending	10.887
4	Horizontal Tail Bending + Wing Bending	12.290
5	Second Fuselage Lateral Bending	15.720
6	Wing - Horizontal Tail	18.510
7	Third Fuselage Lateral Bending	21.947
8	Wing Torsion + Bending	22.983
9	Wing Torsion + Horizontal Tail Pitch	25.081
10	Vertical Tail Torsion	25.678
11	Vertical Tail Torsion + Second Wing Bending	26.029
12	Second Wing Bending	27.179
13	Fuselage Lateral Bending + Second Wing Bending	31.249
14	Horizontal Tail Pitch	31.990
15	Fuselage Lateral Bending + Second Wing Torsion + Hor Tail Torsion	36.377

Table 17

CALCULATED F-111A ANTISYMMETRIC VIBRATION MODES

 $\Lambda_{LE} = 26^\circ$

GW = 293,138N (65,936 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	7.284
2	First Fuselage Lateral Bending	7.863
3	Vertical Tail Bending	10.699
4	Horizontal Tail Bending + Wing Bending	12.078
5	Second Fuselage Lateral Bending	15.663
6	Wing - Horizontal Tail	18.183
7	Third Fuselage Lateral Bending	21.636
8	Fuselage Lateral Bending + Wing Bending	22.586
9	Wing Torsion + Horizontal Tail Pitch	24.647
10	Vertical Tail Torsion	25.260
11	Vertical Tail Torsion + Second Wing Bending	25.595
12	Second Wing Bending	26.881
13	Fuselage Lateral Bending + Second Wing Bending	29.033
14	Horizontal Tail Pitch	31.460
15	Fuselage Lateral Bending + Second Wing Torsion + Hor. Tail Pitch	35.189

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Table 18

CALCULATED F-111A ANTISYMMETRIC VIBRATION MODES

 $\Lambda_{LE} = 50^\circ$

GW = 331,392N (74,515 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending -	6 917
2	First Fuselage Lateral Bending	7.795 ¹
3	Vertical Tail Torsion + Wing Bending	10.844
4	- Horizontal Tail Bending + Wing Bending	12 290
5	Second Fuselage Lateral Bending	15 070
6	Wing - Horizontal Tail	17 815
7	Horizontal Tail Pitch + Vertical Tail Torsion + Wing Bending	21.185
8	Third Fuselage Lateral Bending	22.354
9	Wing Torsion + Horizontal Tail Pitch	23.794
10	Vertical Tail Torsion	25.264
11	Vertical Tail Torsion + Second Wing Bending	25.915
12	Fuselage Lateral Bending + Second Wing Bending	27.925
13	Second Wing Bending	29.479
14	Horizontal Tail Pitch	31.498
15	Fuselage Lateral Bending + Second Wing Torsion + Hor. Tail Torsion	34.660

Table 19

CALCULATED F-111A ANTISYMMETRIC VIBRATION MODES

 $\Lambda_{LE} = 72.5^\circ$ GW = 268,673N (60,419 lb)

Mode No.	Mode Description	Frequency - Hz
1	First Wing Bending	6.036
2	First Fuselage Lateral Bending	7.973
3	Vertical Tail Bending + Horizontal Tail Bending	10.739
4	Horizontal Tail Bending + Wing Bending	12.385
5	Second Fuselage Lateral Bending	16.542
6	Wing - Horizontal Tail (out of phase)	17.408
7	Wing - Horizontal Tail (in-phase)	20.631
8	Vertical Tail Torsion + Wing Torsion	23.599
9	Third Fuselage Lateral Bending + Vertical Tail Torsion	24.085
10	Vertical Tail Torsion	25.462
11	Vertical Tail Bending	25.973
12	Fuselage Lateral Bending + Wing Torsion	29.300
13	Wing Second Bending	30.429
14	Horizontal Tail Pitch	31.581
15	Fuselage Lateral Bending + Wing Second Bending + Hor. Tail Torsion	36.404

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modes are presented in Tables 12 through 19. Further discussion of the analytical effort appears in References 6, 7, and 8.

Power Spectral Density Tabulated Data

In this Section all power spectral density data obtained during the Phase II investigation are presented in tabulated form for the convenience of those who might wish to perform analyses and/or comparisons other than those presented in NASA CR-152112 and NASA CR-152113.

The arrangement of the tabulated data is as follows.

Each set of PSD's correspond to a particular instrumentation item at a particular flight point identified in Table 8. The progression in the record number is continuous within a given maneuver. For example, if there are 5 points listed in Table 8 for a given maneuver then records 1-5 are for points 1-5 for the first instrumentation item, records 6-10 are for points 1-5 for the second instrumentation item, etc. The last record number listed for a particular maneuver gives the total number of PSD sets obtained for that maneuver.

The item code corresponds to the instrumentation code listed in Table 6. The second line of each data set identifies the particular point within the maneuvers listed in Table 8. The flight number identification is obvious. The frame number and record length correspond to the start time, T_1 , and time interval, Δ_T , listed in Table 8.

Although data are presented for frequencies from 1 to 100 Hz in each record, the frequency limits for the particular items of instrumentation and flights listed in Table 7 should be observed when working with the tabulated or plotted data.

RECCRD 1, ITEM A W O O 1

FLIGHT 6 1, FRAME 1 1 0 1 0 7 . 9 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	2	0	0	0	2	0	1	0	0	2	2	2	13	6	3	0	2
2	0	2	2	0	2	0	4	2	0	2	2	0	1	3	5	0	2	2	3
2	3	2	0	0	2	2	3	1	0	0	0	6	4	4	4	12	7	4	2
3	0	2	0	11	1	0	2	0	5	3	8	3	5	2	7	2	2	4	4
4	0	0	0	7	4	2	0	6	1	4	4	0	3	4	4	0	8	2	2

RECCRD 2, ITEM A W O O 1

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 C, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	1	2	2	0	2	0	0	0	2	0	4	1	2	2	0
0	0	0	0	0	0	0	2	0	0	2	2	3	1	0	0	2	0	0	0
0	2	2	0	1	1	0	2	4	0	0	2	0	2	4	1	9	3	0	4
4	4	0	5	4	2	5	0	4	2	4	0	0	2	4	7	0	0	5	0
3	7	8	4	2	0	2	2	4	0	0	2	2	2	0	5	2	7	3	4

RECCRD 3, ITEM A W O O 1

FLIGHT 6 1, FRAME 1 1 0 1 0 9 . 7 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

0	0	0	0	4	9	0	7	0	1	2	0	2	0	1	8	2	0	3	3
0	1	0	2	0	1	2	0	5	0	2	4	4	0	0	0	0	0	0	3
0	3	0	6	11	6	0	1	8	0	6	0	2	2	4	0	2	10	8	6
2	43	9	4	7	0	2	0	6	2	2	7	12	8	5	18	5	21	3	10
30	6	2	0	5	20	17	7	15	5	15	0	22	5	3	12	2	6	2	6

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RECCRD 4, ITEM A W O O 1

FLIGHT 6 1, FRAME 1 1 0 1 1 0 . 6 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

2	0	2	2	6	8	9	12	0	2	2	2	0	4	0	4	13	1	3	5
1	2	5	5	7	2	12	0	4	6	4	5	0	2	2	4	5	2	2	7
7	3	5	44	30	17	4	1	4	6	9	6	16	14	7	13	5	7	53	1
3	41	22	15	0	3	5	1	22	1	17	7	31	35	11	23	3	11	29	25
20	3	5	59	0	5	19	4	12	37	4	7	8	4	19	14	4	3	4	2

RECCRD 5, ITEM A W O O 1

FLIGHT 6 1, FRAME 1 1 0 1 1 2 . 0 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	6	0	0	2	0	2	2	0	0	0	9	7	4	10	0
0	0	2	0	3	0	0	0	2	0	0	0	1	2	1	2	1	0	0	3
4	2	5	6	0	0	0	2	3	0	6	5	3	5	6	10	6	2	6	9
1	4	4	0	6	5	6	0	2	2	2	7	6	1	9	3	7	4	0	0
0	0	0	3	7	3	6	7	0	0	4	7	3	3	0	2	1	0	2	1

RECCRD 6, ITEM A W O O 2

FLIGHT 6 1, FRAME 1 1 0 1 0 7 . 9 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-01

THE PSD VALUES (INTEGER)

0	0	2	2	3	2	8	3	6	7	5	4	1	0	2	6	7	0	2	9
4	2	0	6	1	1	3	2	11	8	0	4	3	5	2	4	3	0	5	7
2	8	3	4	7	14	11	7	7	1	7	0	20	3	5	8	10	4	14	0
2	10	3	2	3	6	2	10	2	0	0	4	6	2	0	3	2	2	0	2
0	3	2	0	2	2	4	2	5	0	4	1	2	8	2	2	2	7	2	4

RECCRD 7, ITEM A W 0 0 2

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-01

THE PSD VALUES (INTEGER)

0	0	0	7	2	5	0	4	3	14	14	2	4	3	10	0	4	3	4	9
2	2	5	0	2	4	2	0	4	3	3	0	2	0	5	0	5	0	2	6
4	2	10	2	4	4	5	2	26	2	6	2	10	2	5	7	14	19	4	5
2	1	6	3	13	6	2	0	5	7	0	2	4	0	0	7	5	2	0	2
3	4	4	0	0	6	7	3	5	6	4	4	2	2	4	1	4	6	4	0

RECCRD 8, ITEM A W 0 0 2

FLIGHT 6 1, FRAME 1 1 0 1 0 9 . 7 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-01

THE PSD VALUES (INTEGER)

0	0	0	2	0	2	4	1	6	3	5	2	2	8	0	2	2	5	4	4
2	4	2	4	1	0	0	6	0	0	0	0	5	2	0	4	9	2	0	0
4	0	3	5	4	11	10	2	0	2	0	7	2	4	3	2	6	4	5	4
0	2	2	0	0	0	0	2	0	0	1	4	2	2	1	2	5	4	5	4
0	3	2	4	3	0	0	0	2	3	0	5	3	2	2	4	1	0	2	0

RECCRD 9, ITEM A W 0 0 2

FLIGHT 6 1, FRAME 1 1 0 1 1 0 . 6 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-01

THE PSD VALUES (INTEGER)

0	0	4	16	2	12	13	11	10	4	4	24	7	8	22	2	6	4	3	4
2	7	2	17	7	56	31	10	9	0	2	2	2	11	5	6	1	3	6	13
1	27	4	7	9	16	11	2	7	9	5	15	2	4	26	17	2	3	11	23
18	6	14	7	5	0	0	0	9	5	0	3	10	25	17	18	7	1	37	4
2	7	17	27	5	23	26	25	2	21	13	8	12	0	0	19	0	5	4	4

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RECORD 10, ITEM A W 0 0 2

FLIGHT 6 1, FRAME 1 1 0 1 1 2 . 0 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-01

THE PSD VALUES (INTEGER)

0	0	8	6	10	5	21	13	9	10	6	32	13	3	12	11	0	6	6	0
4	3	35	0	6	17	5	7	3	25	8	10	7	19	12	0	3	8	14	15
11	12	9	4	2	9	22	6	4	9	24	5	12	26	4	15	9	28	2	11
31	18	18	9	2	34	11	2	2	3	4	15	8	9	10	0	3	10	6	11
3	3	0	3	7	10	0	10	27	0	9	4	5	45	4	6	5	5	11	5

RECCRD 11, ITEM A B 0 1 8

FLIGHT 6 1, FRAME 1 1 0 1 0 7 . 9 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	3
2	8	6	2	13	1	1	6	3	29	2	10	8	0	3	7	8	4	4	0
1	0	2	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0

RECORD 12, ITEM A B 0 1 8

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0
0	0	0	0	2	0	2	0	0	2	2	0	2	3	2	0	0	5	10	0
11	7	24	7	7	10	0	20	23	29	0	52	27	0	9	5	9	12	5	5
4	0	2	0	5	2	2	0	4	0	2	0	2	0	0	0	0	0	0	0
0	2	4	2	0	0	2	0	0	2	0	0	0	0	0	1	3	0	0	2

RECCRD 13, ITEM A B 0 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	2	0	0	4	2
0	0	0	2	0	0	0	0	0	0	0	4	2	3	0	0	0	2	15	3
20	24	54	22	42	90	20	50	51	191	86	50	10	31	21	37	23	9	15	19
3	4	0	15	19	2	0	0	0	2	0	0	0	0	0	1	2	0	0	0
2	0	0	0	4	4	2	0	11	5	7	0	21	3	0	2	2	4	4	5

RECORD 14, ITEM A B 0 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0
0	0	0	0	0	2	0	0	0	2	2	0	0	2	3	5	0	4	6	1
9	27	3	33	28	7	23	3	64	2	6	36	69	6	34	52	2	2	4	2
11	8	4	3	0	4	2	2	0	0	0	0	0	0	0	1	0	2	0	0
0	2	2	0	0	0	0	2	0	0	2	0	0	5	0	3	2	4	1	2

RECORD 15, ITEM A B 0 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	4	0	2
2	0	0	2	0	0	0	5	0	2	2	4	5	5	10	2	8	0	5	20
13	5	91	39	5	9	19	11	25	62	81	10	14	20	23	0	6	11	14	0
2	2	11	5	4	3	0	5	1	0	0	0	2	0	0	2	0	0	2	0
0	2	1	0	2	0	0	2	0	2	0	2	0	5	5	0	2	3	4	2

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RECORD 16, ITEM A B 0 1 9

FLIGHT 6 1, FRAME 1 1 0 1 0 7 . 9 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	0	4
0	6	4	4	8	3	2	8	5	33	4	9	7	0	3	5	8	5	4	0
2	0	3	7	2	2	1	4	0	0	1	0	2	0	0	0	0	0	0	1
0	3	3	2	4	2	2	0	2	2	2	0	2	5	0	0	0	0	0	2

RECORD 17, ITEM A B 0 1 9

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	1	2	0	0	0	0	0	0	0	2	0
2	0	0	0	3	2	0	0	0	2	0	0	2	3	0	0	0	6	9	0
11	6	22	9	7	8	2	20	25	25	2	50	27	0	8	3	2	6	5	3
4	4	0	3	0	3	2	0	0	2	4	0	2	0	0	2	4	2	0	0
0	2	4	6	4	4	4	2	0	1	0	0	2	5	4	2	6	0	5	10

RECORD 18, ITEM A B 0 1 9

FLIGHT 6 1, FRAME 1 1 0 1 0 9 . 7 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	4	1
0	0	2	2	2	2	4	0	0	0	0	4	3	3	0	0	0	2	14	1
20	16	49	24	43	87	20	44	55	161	71	33	3	37	12	49	23	11	8	6
1	4	2	12	34	4	0	2	0	2	0	0	2	2	0	2	10	2	0	2
5	2	1	2	9	6	4	0	15	12	9	3	25	8	4	5	9	19	4	5

RECORD 19, ITEM A 8 0 1 9

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0
0	0	0	0	0	2	0	0	0	2	4	0	2	2	3	7	0	4	7	1
7	25	1	31	24	7	23	5	62	2	7	31	52	6	25	39	2	0	2	0
6	4	0	2	2	8	0	0	0	0	1	0	2	0	0	5	4	2	0	2
4	2	4	2	2	2	0	4	0	0	1	0	2	8	0	7	8	5	3	0

RECORD 20, ITEM A 8 0 1 9

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	6	0	2
2	0	0	2	0	2	2	5	0	0	2	4	5	4	10	2	8	0	5	20
13	6	72	35	5	9	19	10	25	62	75	12	11	15	18	0	2	5	12	2
0	0	7	1	2	0	0	7	4	2	0	0	5	2	2	4	0	0	5	2
2	5	3	4	2	0	3	3	0	4	2	0	0	9	7	0	3	4	3	4

RECORD 21, ITEM A 8 0 2 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	0	0	3	0	2	0	0	0	0	0	2	0	4
0	0	2	3	0	13	4	0	2	0	5	2	2	0	2	0	0	0	0	5
3	0	2	3	5	4	0	2	1	7	0	1	2	0	0	0	7	29	2	16
2	42	8	5	11	7	12	13	7	5	3	2	4	7	4	0	3	11	7	0
4	6	0	0	2	0	4	2	10	0	0	0	7	1	5	2	8	13	7	2

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RECORD 22, ITEM A B 0 2 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	-0	0	0	0	0	0	8	11	0	0	0	2	0	0	2	0	2	0
1	2	6	0	2	5	2	4	6	5	0	2	2	0	3	0	3	4	0	2
4	0	0	1	3	0	1	2	2	0	4	4	5	2	6	3	21	32	5	9
21	19	7	5	26	22	3	29	4	26	23	19	10	12	0	0	0	27	4	0
2	4	5	0	4	11	4	3	2	11	10	2	0	5	5	14	8	18	3	5

RECORD 23, ITEM A B 0 2 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

2	0	1	0	0	0	3	7	1	3	7	0	2	0	0	4	1	10	2	2
3	4	5	5	7	4	7	13	0	4	0	2	4	0	3	6	4	7	5	2
2	0	2	5	5	0	7	0	6	0	3	-37	22	4	11	1	0	30	44	16
25	30	42	160	239	36	25	16	4	21	34	9	7	18	7	21	21	14	4	7
6	11	15	18	18	14	8	5	26	3	19	12	12	1	6	9	17	36	24	40

RECORD 24, ITEM A B 0 2 0

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	5	3	0	5	2	0	0	0	0	0	2	3	1	4
6	7	5	5	9	9	8	3	4	4	3	1	0	0	0	0	0	1	2	2
3	0	0	4	0	2	0	0	3	3	10	0	10	5	8	0	5	7	11	0
3	13	21	5	25	92	6	24	37	0	4	0	13	8	5	9	4	11	5	10
3	12	8	20	4	7	6	10	6	8	3	3	5	3	5	7	3	8	1	3

RECORD 25, ITEM A B 0 2 0

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	4	4	0	5	4	3	0	0	4	11	6	6	45	3
11	2	6	2	3	18	3	2	0	8	0	0	2	12	6	1	2	2	12	14
5	3	0	6	2	6	4	6	4	11	5	17	0	10	0	8	14	18	22	1
25	13	33	22	5	9	0	17	4	0	16	9	8	6	6	2	11	5	1	4
18	69	8	0	13	24	2	27	8	0	4	12	10	0	0	7	7	9	29	6

RECORD 26, ITEM A F 0 0 9

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	1	0	2	19	0	0	0	7	4	0	4	4	0	2
0	0	0	2	0	0	4	0	2	2	0	0	2	2	2	0	0	0	0	0
2	2	0	2	0	1	0	2	2	7	7	7	10	17	13	0	8	14	11	12
23	9	14	10	9	14	14	11	12	16	8	14	13	11	18	18	5	4	10	2
5	0	7	0	4	9	0	0	0	2	7	4	0	2	1	0	2	2	0	4

RECORD 27, ITEM A F 0 0 9

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	2	0	0	2	4	5	0	21	0	0	6	2	9	4	6	6	12	5
0	0	3	4	6	9	10	2	3	3	0	0	0	0	2	0	2	2	2	0
0	0	5	7	21	24	6	7	7	13	5	18	10	15	7	7	9	12	12	13
8	9	6	11	3	21	9	5	0	5	3	10	5	1	0	0	5	2	5	2
2	4	0	2	0	2	3	0	2	0	2	4	0	2	0	4	2	0	0	0

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RECORD 28, ITEM A F 0 0 9

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

2	0	4	2	0	4	2	11	0	18	2	4	6	0	10	36	12	2	21	8
6	8	16	5	6	2	3	6	0	22	8	2	8	5	0	2	4	6	3	2
4	0	11	23	15	5	76	22	3	7	0	4	2	3	2	0	2	2	2	2
4	0	7	1	22	1	4	3	4	5	2	0	2	5	0	2	7	0	2	0
2	2	2	2	4	2	0	0	2	0	2	2	2	0	2	4	2	2	0	2

RECORD 29, ITEM A F 0 0 9

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	2	0	2	6	0	24	7	21	0	6	2	0	30	27	42	2	7	5
4	11	3	8	33	5	14	74	27	50	12	14	3	14	2	28	3	31	4	24
2	1	7	5	6	7	7	0	5	0	2	1	0	0	0	11	0	4	0	3
4	0	2	0	9	80	87	9	2	4	4	12	3	2	0	2	0	0	1	4
0	1	2	0	1	0	2	0	2	2	6	0	4	2	2	0	2	0	2	1

RECORD 30, ITEM A F 0 0 9

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	1	2	0	6	0	2	0	3	12	2	46	48	11	0
15	1	2	2	2	6	4	2	2	10	2	5	9	4	4	0	2	2	2	2
0	5	4	0	0	0	3	2	1	0	2	0	2	2	2	0	0	0	2	0
2	0	0	0	4	4	8	12	50	2	2	0	2	0	0	2	4	0	0	0
0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0

RECORD 31, ITEM A F 0 1 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	7	0	2	0	1	3	46	2	4	3	0	1	2	2	6	0	0
0	0	0	0	2	1	3	2	2	9	1	2	5	2	0	2	2	1	2	3
7	2	5	7	2	12	0	2	4	19	6	2	10	10	7	8	14	12	9	7
17	19	15	9	6	9	9	7	22	30	13	4	56	34	19	16	6	3	5	4
3	2	4	10	1	4	2	6	8	1	0	0	3	4	3	0	10	0	0	0

RECORD 32, ITEM A F 0 1 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	3	2	2	3	19	9	32	6	6	2	2	0	4	7	6	8	1
9	5	5	2	10	0	0	3	6	35	0	2	7	4	0	0	2	2	11	2
20	5	1	17	48	9	11	12	6	26	14	8	7	7	7	5	14	9	13	5
8	12	2	13	31	61	16	8	12	10	0	0	0	12	2	2	0	0	4	0
2	4	17	3	16	0	3	4	5	4	3	2	3	10	2	9	2	8	0	0

RECORD 33, ITEM A F 0 1 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	2	0	0	0	27	4	37	10	4	4	0	3	13	3	31	12	10
2	1	2	1	6	8	3	25	2	7	10	10	30	2	1	7	6	11	4	0
5	2	26	40	21	7	67	30	2	12	4	5	2	12	2	0	8	0	6	18
6	4	17	156	242	84	15	21	1	0	2	3	2	0	3	4	10	6	7	14
5	4	4	2	13	34	1	5	1	1	0	4	16	7	9	3	10	10	5	26

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RECORD 34, ITEM A F 0 1 0

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	2	0	0	0	2	4	8	0	0	2	0	4	1	6	12	2	11
9	0	0	4	10	3	26	53	36	36	10	7	4	6	3	17	0	9	0	23
7	0	12	2	5	2	4	0	0	2	0	0	2	0	2	0	2	0	2	0
4	0	1	9	18	115	34	7	8	0	2	5	2	2	0	3	0	0	5	11
5	0	0	6	0	0	0	2	4	2	2	7	4	2	0	0	2	0	2	0

RECORD 35, ITEM A F 0 1 0

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	1	6	5	7	6	6	2	2	11	17	23	14	99	3
10	1	8	0	8	4	0	2	15	38	0	11	29	1	3	5	0	0	9	5
15	17	7	5	0	8	11	4	0	1	9	5	2	2	0	0	4	0	2	2
4	4	7	6	0	13	24	31	72	8	1	0	4	2	7	4	2	7	7	2
4	2	4	2	5	0	0	2	0	2	6	4	2	2	0	5	3	4	2	6

RECORD 36, ITEM S W 1 2 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	5	1	17	11	7	2	48	6	26	6	2	8	2	2	4	1	12
2	0	0	2	17	4	3	1	0	4	0	4	25	4	0	0	0	9	4	15
2	0	2	3	12	4	0	2	0	4	2	2	5	0	6	0	0	2	5	6
4	6	4	0	9	5	15	0	5	4	0	2	5	3	14	2	2	7	19	3
7	4	5	5	0	5	4	2	13	9	4	10	16	0	4	1	8	0	5	8

RECORD 37, ITEM S W 1 2 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	0	1	1	7	9	5	0	0	5	6	4	5	2	7	2	0	0	4	1
0	0	4	0	0	1	2	1	0	0	0	0	4	0	2	0	0	0	0	3
2	0	0	2	4	0	0	0	2	0	0	0	0	0	2	0	2	0	0	3
0	0	2	0	0	1	3	1	0	2	0	2	1	0	3	2	0	0	5	1
1	5	0	3	0	0	0	5	0	2	2	3	0	0	4	3	0	2	0	4

RECCRD 38, ITEM S W 1 2 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	2	2	15	69	71	5	4	0	6	3	0	10	8	6	33	4	5	0	9
0	2	0	0	5	0	0	2	2	2	2	0	0	0	0	0	0	1	0	5
0	3	0	3	4	1	4	2	0	8	2	3	3	3	0	2	0	4	2	4
0	0	2	0	6	10	3	2	2	5	4	0	2	2	2	2	2	0	0	6
0	7	3	0	2	0	2	0	4	0	2	8	0	2	5	11	3	16	13	24

RECCRD 39, ITEM S W 1 2 3

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

2	3	12	21	36	18	33	18	5	4	5	4	5	9	6	1	1	2	3	2
0	2	0	0	3	7	1	2	2	3	2	2	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	3	0	4	2	0	2	0	0
1	4	4	2	0	2	0	2	0	0	0	1	0	0	0	3	0	1	0	2
4	2	2	0	0	2	0	3	1	2	0	0	0	0	0	0	0	2	0	0

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RECORD 40, ITEM S W 1 2 3

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	25	22	122	27	4	2	2	6	8	6	11	6	2	26	16	4	1
6	0	2	2	0	6	14	5	0	2	0	0	2	2	0	0	0	2	4	1
2	0	3	0	1	2	0	0	2	4	1	1	0	0	2	0	0	0	7	0
2	0	1	3	3	0	2	3	0	0	2	0	0	1	0	0	0	0	2	0
4	0	4	0	2	2	2	0	1	2	2	6	0	2	0	0	0	0	0	0

RECCRD 41, ITEM S W 1 2 4

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	1	20	0	37	26	10	0	63	7	9	14	2	2	2	2	2	2	10
1	0	0	3	5	5	8	2	4	15	0	0	16	5	2	2	2	4	4	5
8	9	2	4	7	0	4	2	0	15	0	6	4	2	4	0	4	3	2	4
2	0	12	0	4	1	8	8	0	2	1	0	4	2	5	7	2	0	14	3
0	2	15	12	11	6	6	2	5	0	11	14	6	6	4	17	4	2	4	5

RECCRD 42, ITEM S W 1 2 4

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	2	11	29	59	98	20	8	3	67	10	12	12	13	7	0	0	0	2	18
0	4	0	4	10	8	9	9	0	5	5	2	29	4	0	0	1	2	2	10
0	11	1	4	3	10	5	0	3	3	0	0	0	0	0	0	0	11	7	5
0	4	1	8	3	5	12	0	2	2	1	4	0	0	7	2	0	1	5	4
0	7	15	4	0	0	11	6	0	7	11	23	0	6	1	15	4	0	7	6

RECORD 43, ITEM S W 1 2 4

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	3	2	12	126	167	5	12	7	8	0	11	7	5	2	3	3	0	0	3
0	2	2	0	6	0	2	0	0	5	0	2	9	4	0	0	2	0	3	3
0	2	4	0	2	6	0	0	0	4	0	0	2	0	0	0	0	5	2	0
0	0	0	0	0	2	5	2	2	2	0	0	0	0	2	0	2	2	0	2
0	0	2	4	2	4	0	5	0	3	1	5	0	2	0	0	0	2	0	2

RECORD 44, ITEM S W 1 2 4

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

10	17	64	119	212	110	264	149	20	11	23	4	0	0	1	2	2	0	0	8
2	0	0	2	3	4	4	5	4	10	4	2	4	4	0	4	5	4	2	0
1	4	2	7	4	0	2	2	2	1	0	2	2	0	0	2	0	7	2	2
1	0	2	2	0	2	3	0	2	0	4	0	2	0	0	2	0	2	3	2
0	1	0	2	0	0	0	2	1	2	0	3	2	0	0	2	0	0	2	2

RECORD 45, ITEM S W 1 2 4

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	3	2	123	23	230	46	7	0	1	2	5	2	0	1	0	5	2	2	0
3	0	2	0	2	2	4	0	0	2	2	0	2	4	0	0	2	0	0	0
0	0	3	2	2	0	2	2	0	0	2	2	0	0	0	0	0	0	2	0
2	2	0	2	0	0	0	1	2	0	0	0	0	0	2	0	0	0	2	0
0	0	0	0	0	0	0	0	2	0	2	2	0	0	0	0	0	0	0	0

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RECCRD 46, ITEM S W 1 2 5

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	2	4	10	0	19	11	25	14	15	9	23	5	2	2	3	1	6	10	8
2	2	1	9	27	12	16	7	0	40	2	20	43	15	0	0	2	3	12	11
18	13	24	3	17	9	16	4	0	3	20	12	18	0	6	2	0	40	6	26
7	0	2	8	12	1	1	18	19	0	3	0	9	7	3	1	0	6	17	5
19	8	2	4	15	8	7	0	26	17	6	70	3	0	9	0	0	12	7	6

RECCRD 47, ITEM S W 1 2 5

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	2	5	9	15	6	11	1	22	19	9	5	7	19	11	8	11	2	2
8	10	2	18	7	13	51	16	8	5	7	2	5	5	4	2	4	3	4	2
4	13	0	6	5	0	8	3	8	11	4	7	5	0	0	0	10	3	5	6
0	2	3	3	3	2	4	2	4	0	2	0	0	3	0	0	2	0	3	2
2	4	5	0	3	4	3	0	2	2	11	3	2	2	4	0	0	4	0	2

RECCRD 48, ITEM S W 1 2 5

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	1	15	25	73	19	2	15	21	50	18	2	23	2	64	17	2	3	23
5	18	28	17	42	65	7	25	7	18	7	33	3	12	10	16	0	11	6	0
0	12	6	4	20	0	6	31	9	6	8	9	7	2	4	3	10	14	7	7
9	23	7	7	4	3	5	4	7	2	4	0	2	5	0	2	0	4	5	6
5	4	2	13	8	5	6	0	2	10	0	14	5	9	0	4	4	8	11	14

RECCRD 49, ITEM S W 1 2 5

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

3	2	5	9	18	5	47	34	6	9	29	28	12	6	16	3	5	14	13	2
25	24	8	71	18	51	22	9	11	32	17	3	9	0	10	41	2	1	2	13
5	3	6	5	4	0	3	5	0	2	2	0	4	0	1	7	5	3	4	0
3	2	1	0	1	4	2	0	0	0	0	0	2	2	0	2	2	0	2	0
0	3	2	0	3	2	2	6	2	3	7	0	2	0	0	0	4	0	0	0

RECCRD 50, ITEM S W 1 2 5

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	0	4	0	5	19	4	6	2	5	18	7	13	6	0	2	17	2	7	0
24	9	0	8	4	7	25	31	7	1	5	2	3	10	27	8	0	0	9	2
5	1	0	5	2	6	4	0	1	9	0	0	0	2	0	0	1	0	2	0
4	0	0	0	0	2	0	0	0	2	0	0	0	0	2	0	2	0	0	5
1	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	0

RECORD 51, ITEM S W 1 3 2

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 01

THE PSD VALUES (INTEGER)

3	4	6	5	2	48	23	37	0	16	20	4	4	9	24	5	20	8	4	11
2	10	2	0	0	0	3	0	4	7	15	25	34	25	1	28	2	13	7	24
5	4	3	24	13	12	3	4	1	2	4	8	4	5	0	2	1	2	5	2
0	5	5	2	2	3	4	4	1	0	5	2	0	2	2	0	0	0	1	2
4	2	0	7	2	4	3	2	14	7	8	5	2	3	0	2	0	4	0	2

RECCRD 52, ITEM S W 1 3 2

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 01

THE PSD VALUES (INTEGER)

0	0	7	9	22	24	3	15	4	3	4	4	3	19	22	7	5	11	30	3
6	3	0	0	4	8	3	2	5	14	2	13	3	7	5	7	0	3	15	7
10	2	6	7	9	2	3	5	4	7	2	2	5	2	2	0	2	0	2	1
2	4	3	2	0	1	3	6	0	2	0	3	2	0	3	0	0	0	0	1
2	2	4	0	2	2	0	0	1	2	2	11	0	2	3	2	3	0	2	2

RECCRD 53, ITEM S W 1 3 2

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	0	2	20	51	6	2	0	0	7	4	9	10	9	26	8	11	0	4
3	5	0	0	2	4	2	4	0	0	7	4	2	0	2	0	0	0	4	2
0	3	4	3	10	5	1	2	3	0	0	0	2	0	0	0	0	0	0	0
0	0	0	0	3	0	0	2	0	2	2	0	0	0	1	0	0	2	2	0
0	0	0	2	0	2	0	2	0	3	0	0	0	5	4	3	0	0	2	0

RECORD 54, ITEM S W 1 3 2

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	3	13	13	26	4	47	28	1	1	7	6	5	26	12	2	17	4	4	8
2	6	0	2	6	4	17	8	11	5	9	4	7	6	0	8	6	9	2	2
2	0	2	13	1	0	7	4	2	0	2	0	2	3	2	3	0	2	2	0
2	3	4	2	4	0	0	0	0	1	0	1	0	0	3	3	2	0	0	2
4	2	2	4	4	0	3	10	1	4	3	2	0	7	2	1	2	2	4	0

RECCRD 55, ITEM S W 1 3 2

FLIGHT 6 1, FRAME 1 1 0 1 1 2 . 0 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	3	9	120	3	128	27	21	2	14	16	3	19	31	27	10	110	38	43	11
13	3	6	7	14	0	55	22	12	11	15	6	9	25	9	14	12	7	38	0
3	0	2	5	11	2	7	2	4	5	4	2	5	5	4	1	0	4	0	2
12	2	2	2	1	3	2	1	4	2	1	0	3	0	0	2	2	2	5	3
0	3	0	0	3	4	4	5	2	2	4	0	0	0	0	0	2	0	0	2

RECORD 56, ITEM S W 1 3 3

FLIGHT 6 1, FRAME 1 1 0 1 0 7 . 9 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

5	4	9	9	2	19	10	7	7	4	11	4	1	12	24	6	15	1	1	2
3	18	10	7	15	14	7	11	2	4	9	17	14	32	3	12	6	10	5	24
9	18	6	13	0	13	13	3	2	5	2	5	4	6	0	0	23	3	15	16
3	10	13	2	0	10	3	2	3	3	2	1	2	13	2	3	0	3	10	3
3	0	2	11	2	7	4	3	2	13	4	10	10	11	6	8	4	3	5	2

RECORD 57, ITEM S W 1 3 3

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	3	13	8	7	0	4	3	5	2	2	0	16	12	2	3	7	13	2
11	2	4	2	11	4	3	9	5	7	2	10	2	6	9	11	5	3	6	8
9	3	0	4	5	2	3	6	4	7	2	2	0	3	4	3	5	5	2	5
2	6	6	0	2	2	5	2	0	2	0	0	3	3	0	2	0	0	0	3
2	2	7	0	2	2	3	3	1	0	0	5	0	0	2	2	0	2	0	0

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RECORD 58, ITEM S W 1 3 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	3	25	91	10	2	0	2	11	3	11	44	17	53	21	13	4	9
8	15	2	7	7	5	8	4	3	2	17	8	2	1	0	4	4	5	23	8
2	10	14	2	24	13	6	8	18	8	5	0	0	1	0	4	9	0	15	3
7	9	5	8	5	17	3	5	4	8	2	4	2	2	0	3	2	0	4	4
0	0	2	0	2	5	0	5	2	2	2	2	3	2	2	5	5	5	2	10

RECORD 59, ITEM S W 1 3 3

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	2	4	3	9	2	24	13	2	2	4	4	2	18	6	0	12	2	2	3
2	4	0	6	4	6	14	7	12	14	10	2	6	1	2	2	2	7	4	0
3	0	4	12	5	2	2	24	2	2	2	2	8	0	10	1	6	0	0	4
10	8	10	2	2	0	3	4	4	3	0	0	0	4	0	0	2	1	0	1
0	0	0	2	0	0	0	4	0	0	2	2	2	8	0	2	0	3	0	0

RECORD 60, ITEM S W 1 3 3

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	2	2	37	2	58	17	7	3	9	2	6	4	17	17	4	64	32	34	11
20	4	4	12	11	3	57	31	15	10	14	6	26	34	18	10	19	5	94	2
6	4	2	8	21	7	10	0	8	8	4	4	3	5	15	6	3	0	26	2
11	5	7	3	2	5	3	5	0	7	9	0	7	2	3	0	2	0	0	0
2	2	2	0	4	2	0	2	3	3	0	0	2	3	2	2	2	0	2	0

RECORD 61, ITEM S W 1 3 4

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.257CE 04

THE PSD VALUES (INTEGER)

0	2	0	2	2	4	3	3	0	6	2	1	0	0	4	2	0	0	0	4
0	0	8	4	6	2	4	2	4	5	5	3	4	3	0	2	2	6	2	4
2	7	6	1	0	10	4	2	2	0	2	0	2	2	2	3	2	4	5	0
0	5	0	9	2	4	2	8	0	3	4	9	3	2	2	0	3	2	6	0
0	4	2	4	0	2	4	2	2	2	0	3	0	2	4	2	4	5	2	3

RECORD 62, ITEM S W 1 3 4

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	3	5	3	1	4	7	1	10	2	5	7	3	2	2	1	8	13	4
13	7	0	2	9	35	7	13	0	12	6	0	0	10	0	10	9	10	10	2
10	4	16	13	0	4	25	0	16	6	7	11	9	29	4	6	4	3	1	6
0	13	25	9	20	2	5	5	2	2	5	10	3	0	0	0	2	2	3	0
0	1	7	2	11	4	10	4	2	5	3	2	3	4	5	0	6	0	4	0

RECORD 63, ITEM S W 1 3 4

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	3	9	16	3	5	0	1	4	1	4	11	3	9	4	5	2	2
8	10	1	8	4	7	4	0	3	1	14	4	4	2	4	0	2	0	13	2
4	7	8	0	10	2	2	13	21	0	2	5	9	0	0	4	9	2	11	9
9	13	3	2	3	12	4	2	2	4	10	0	2	6	6	3	2	2	2	2
1	2	10	6	2	3	2	8	2	5	2	6	3	6	1	0	2	0	2	2

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RECORD 64, ITEM S W 1 3 4

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	0	6	16	8	7	11	15	4	2	10	22	6	3	17	7	15	2	8	21
16	39	18	31	8	42	10	9	47	47	29	10	23	2	5	9	9	6	3	9
0	4	10	9	15	4	10	18	4	5	17	29	35	12	52	28	17	4	11	29
73	16	13	0	23	6	0	9	0	4	4	2	3	6	11	3	5	1	7	6
11	3	4	11	10	10	30	27	3	2	13	3	2	14	0	0	4	4	2	4

RECORD 65, ITEM S W 1 3 4

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

1	2	2	12	0	9	4	0	0	3	8	0	2	4	7	3	16	7	11	0
10	9	2	3	0	11	29	20	5	5	1	6	12	16	11	0	3	2	32	12
0	7	0	8	9	10	21	2	10	2	8	8	0	2	14	2	5	7	19	2
17	15	0	0	0	13	0	2	17	4	2	2	2	5	0	0	0	2	3	2
2	0	0	0	5	5	4	8	3	5	2	0	2	2	0	0	2	2	0	1

RECORD 66, ITEM S T 0 7 2

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	2	2	0	0	1	2	0	2	52	0	4	7	0	0	0	0	2	0	6
2	0	0	2	0	3	1	0	0	0	0	0	0	2	4	1	0	3	0	3
0	2	2	1	1	2	5	2	2	0	2	4	2	2	0	4	2	2	2	3
0	0	2	0	0	0	0	2	2	3	7	1	2	2	0	0	3	4	3	9
2	4	2	2	3	3	6	5	2	2	0	0	0	2	0	0	0	6	3	4

RECORD 67, ITEM S T O 7 2

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	2	10	13	12	0	5	4	2	175	10	7	2	21	4	3	0	1	7	25
2	0	1	0	3	5	9	2	2	8	6	0	3	2	10	10	12	8	4	20
13	2	5	13	12	4	4	0	4	4	4	2	4	2	0	24	2	57	5	17
0	0	7	2	0	9	3	6	10	8	3	4	10	22	6	4	6	18	23	40
10	0	17	14	5	6	2	14	13	4	1	0	3	3	4	0	3	2	3	2

RECCRD 68, ITEM S T O 7 2

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

4	19	46	56	3	8	12	20	20	125	12	11	5	7	0	9	1	3	11	19
10	14	13	8	32	8	7	9	2	3	5	0	3	4	3	0	0	3	3	18
2	0	5	7	14	4	2	4	2	16	2	3	2	8	8	11	0	11	9	26
17	4	4	5	12	3	8	12	31	5	7	8	18	14	9	20	14	3	14	5
8	9	6	8	2	2	0	8	4	0	1	7	0	11	0	11	16	2	14	4

RECCRD 69, ITEM S T O 7 2

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	3	9	6	3	9	6	2	4	79	18	5	1	4	11	6	4	5	1	4
0	5	5	4	14	0	5	7	7	6	0	4	5	3	2	3	0	0	5	5
0	0	2	3	0	0	5	2	1	2	5	13	0	0	11	2	3	0	9	5
8	6	6	0	5	1	3	4	12	0	4	6	6	0	0	5	2	4	5	2
4	3	19	2	8	0	2	4	6	2	0	0	1	0	1	0	5	0	0	0

RECORD 70, ITEM S T O 7 2

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	3	5	11	34	14	9	4	4	90	86	55	15	25	9	2	5	18	8	8
2	6	9	3	3	7	12	5	7	2	17	3	2	42	35	4	7	9	11	7
8	6	3	7	0	9	0	2	3	14	4	5	3	10	0	10	9	14	8	5
5	15	6	6	10	12	0	2	0	5	18	9	17	7	11	4	0	15	5	7
16	5	0	0	4	1	5	9	7	7	0	10	2	7	4	8	5	0	3	2

RECORD 71, ITEM S T O 7 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	2	0	3	0	2	4	48	2	8	9	2	0	2	1	0	2	3
2	0	0	0	0	3	2	0	0	2	4	2	4	0	2	2	3	2	0	4
0	2	2	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
3	0	2	0	0	0	2	2	2	2	0	2	2	2	6	2	2	2	0	1
0	3	4	2	4	0	2	0	8	2	0	0	0	2	2	0	0	0	0	0

RECCRD 72, ITEM S T O 7 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	2	2	5	0	2	0	2	44	7	4	1	1	0	2	0	2	2	7
2	0	0	0	0	5	0	0	2	2	1	0	0	2	2	5	2	0	0	6
2	2	0	3	1	0	0	0	0	0	0	0	0	4	0	2	2	1	8	7
2	2	0	2	2	0	0	3	2	0	0	4	0	2	2	0	2	0	0	0
2	0	3	2	2	1	3	4	2	0	4	0	0	2	0	0	4	0	0	0

RECORD 73, ITEM S T O 7 3

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	7	9	27	2	5	3	4	2	40	0	8	0	0	0	2	0	2	5	10
1	6	3	5	8	0	0	2	0	2	2	0	11	5	0	0	0	0	2	
0	0	0	2	1	2	0	0	0	0	0	2	1	2	2	0	2	0	0	3
2	2	4	1	0	0	0	1	0	2	0	0	0	0	2	0	0	0	0	5
0	0	0	0	0	2	0	4	3	0	0	0	0	0	2	2	0	0	0	0

RECORD 74, ITEM S T O 7 3

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	1	7	7	3	7	8	5	10	55	20	9	2	4	7	13	4	5	1	2
0	6	3	4	13	0	2	7	6	6	2	5	2	2	3	3	0	4	1	4
0	0	2	7	0	0	1	2	2	0	0	0	2	0	2	2	4	6	3	5
2	1	0	0	0	0	2	0	2	0	1	0	0	0	1	0	2	0	0	2
2	5	9	0	5	0	2	0	2	2	0	0	0	0	2	0	0	0	0	0

RECCRD 75, ITEM S T O 7 3

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	6	4	6	35	14	2	10	0	101	103	61	11	26	5	8	0	22	4	10
1	4	3	0	4	16	27	5	6	4	21	2	8	77	57	6	10	5	11	4
7	8	3	6	0	4	5	0	4	2	0	2	4	2	0	3	3	1	2	0
0	2	0	2	0	0	2	0	2	4	6	0	2	4	0	3	5	0	3	4
6	3	2	2	1	2	0	0	0	1	0	2	2	0	2	0	0	0	2	0

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RECORD 76, ITEM S T 1 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	6	14	7	0	22	1	72	9	11	22	43	6	0	7	4	3	2
0	8	2	0	0	0	8	0	4	0	23	3	8	3	7	1	12	6	2	8
2	5	0	7	4	0	0	1	0	3	2	-0	0	1	0	3	0	2	4	2
0	0	2	0	0	0	0	0	4	4	1	2	0	0	2	0	2	2	3	7
4	2	6	2	0	0	0	2	5	3	0	2	2	0	0	0	0	2	0	0

RECCRD 77, ITEM S T 1 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

4	10	27	0	5	0	8	12	8	66	2	12	64	32	12	3	22	4	0	0
4	4	2	4	0	2	7	4	3	0	22	5	19	2	7	3	9	2	5	8
3	-1	6	10	4	2	1	0	1	5	0	2	0	2	2	3	0	-2	2	0
3	2	0	0	2	-3	7	1	2	2	0	0	-1	0	2	0	3	0	5	3
8	1	4	10	-5	2	2	2	5	-0	2	4	0	2	0	2	2	2	4	5

RECCRD 78, ITEM S T 1 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	30	10	7	0	16	6	17	78	65	45	127	110	13	36	39	4	2	3
1	23	12	33	17	41	0	14	4	2	3	0	11	5	12	0	-3	0	10	10
4	0	4	4	5	2	2	0	2	0	0	2	1	0	2	2	2	5	6	0
0	0	1	2	2	4	0	2	0	1	0	0	0	0	2	2	2	0	3	4
0	0	2	0	0	0	2	2	7	1	2	0	2	0	0	4	0	-2	3	2

RECCRD 79, ITEM S T 1 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	3	0	7	5	18	0	4	14	110	31	20	53	19	1	18	28	8	7
12	12	3	6	19	0	8	4	24	8	9	10	4	2	0	4	3	4	3	1
5	2	4	2	2	0	0	3	4	0	2	2	4	6	1	0	0	2	0	0
0	2	0	0	0	2	2	0	0	0	2	0	0	0	2	0	0	2	0	0
0	2	5	0	1	0	0	2	2	2	0	0	0	0	0	0	2	0	0	0

RECCRD 80, ITEM S T 1 1 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	3	9	4	2	21	10	5	39	29	18	8	37	8	6	8	0	8	5
2	4	2	5	6	4	18	3	6	5	21	0	5	17	17	9	5	2	2	0
2	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0
0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
2	0	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0

RECCRD 81, ITEM S T 0 7 7

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	6	0	0	4	0	0	0	0	0	0	1
0	1	0	0	0	1	1	0	3	0	5	5	2	2	7	0	4	0	2	8
0	3	2	0	9	7	2	1	8	2	10	0	5	0	4	0	5	6	0	0
0	2	1	2	5	2	3	0	1	3	0	2	3	24	7	2	3	8	2	2
6	15	8	9	2	0	9	2	23	5	27	8	12	29	5	2	8	24	9	10

RECCRD 82, ITEM S T O 7 7

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	2	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	1	2
2	3	0	2	0	1	2	0	4	2	4	3	1	2	4	0	5	0	0	3
2	2	1	2	4	3	3	6	4	2	0	4	3	0	0	12	4	0	10	11
3	11	7	4	13	0	4	2	2	0	9	6	0	9	27	0	5	6	0	4
8	13	7	7	2	2	14	2	3	4	11	21	39	7	5	2	19	2	12	27

RECCRD 83, ITEM S T O 7 7

FLIGHT 6 1, FRAME 1 1 0 1 0 9 . 7 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	1	4	7	2	0	0	0	0	6	2	0	2	2	0	2	0	2	0	5
0	0	2	0	0	0	0	2	2	1	0	2	1	0	0	2	0	0	0	0
0	4	0	0	2	2	2	7	2	4	6	7	0	8	0	0	0	4	4	0
2	0	0	0	0	9	12	0	0	0	12	9	13	2	4	6	3	2	4	0
9	5	14	6	4	2	0	6	2	2	2	5	0	6	7	10	5	4	4	2

RECCRD 84, ITEM S T O 7 7

FLIGHT 6 1, FRAME 1 1 0 1 1 0 . 6 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	2	0	2	3	0	2	2	4	4	1	0	2	3	2	2	4	0	0	0
0	1	1	0	2	0	2	6	1	2	6	2	2	4	5	0	0	0	1	9
4	3	2	4	5	3	5	0	7	2	0	0	2	0	3	0	6	5	4	2
16	8	14	8	6	10	8	5	15	6	4	5	4	9	0	8	2	0	0	0
2	4	2	5	0	6	0	0	8	2	0	4	0	12	37	6	12	14	7	4

RECCRD 85, ITEM S T O 7 7

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	5	9	9	4	4	5	8	16	2	8	7	3	2	2	4	1	2	2
2	2	2	0	0	0	2	0	6	3	5	0	2	6	5	4	2	4	5	7
0	7	1	4	4	10	12	0	2	7	0	0	4	0	5	7	8	8	11	6
17	27	11	4	31	0	9	7	24	2	0	8	5	12	4	13	9	4	0	0
6	7	3	4	12	5	12	7	8	4	39	3	6	3	13	7	6	35	3	14

RECCRD 86, ITEM S T O 7 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	0	0	0	0	0	2	0	18	0	2	1	0	3	2	3	0	0	4
2	0	1	0	1	10	1	2	3	0	0	3	1	7	0	2	2	3	5	3
2	2	6	6	2	6	6	7	0	8	3	6	1	11	6	0	0	2	0	0
0	0	2	0	1	0	2	2	3	0	0	5	3	0	1	0	2	3	2	0
3	4	4	0	3	0	9	4	2	6	0	5	2	5	14	4	5	5	5	5

RECCRD 87, ITEM S T O 7 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	1	0	0	2	2	2	0	15	2	5	2	0	0	0	4	0	0	4
2	0	2	4	0	3	3	0	0	0	2	1	5	2	1	0	2	0	0	2
2	2	2	3	6	7	13	2	0	6	4	6	2	9	24	4	1	0	0	0
0	4	0	5	0	2	2	0	2	0	0	1	4	2	0	2	0	1	5	8
4	2	2	5	2	1	7	5	2	5	4	3	0	4	6	2	4	2	5	2

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RECCRD 88, ITEM S T O 7 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	3	9	11	5	0	0	0	0	24	5	4	7	4	0	3	0	2	0	3
0	0	2	2	3	2	2	3	7	13	0	0	2	0	0	4	2	0	9	2
2	2	2	3	1	0	0	5	4	10	2	4	3	0	0	2	3	0	0	0
4	0	4	3	5	2	3	12	10	2	2	8	0	0	2	8	10	10	12	9
12	0	4	4	5	5	0	2	4	0	0	3	4	3	0	4	0	5	5	2

RECCRD 89, ITEM S T O 7 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	1	0	8	3	2	3	4	7	17	2	2	0	4	4	0	9	2	2	3
0	6	1	2	4	-6	2	0	3	2	11	5	4	7	3	0	5	2	0	0
7	0	2	3	10	0	6	5	9	0	2	2	0	0	0	2	4	3	0	5
4	2	4	3	4	10	0	4	3	5	0	3	2	2	5	0	0	2	0	5
3	2	1	9	0	1	0	9	3	2	3	4	2	3	0	0	0	5	0	3

RECCRD 90, ITEM S T O 7 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	9	14	13	6	9	8	4	47	5	16	17	7	5	9	10	5	5	0
1	4	3	1	5	4	3	0	11	3	0	0	5	19	1	4	5	6	1	4
2	2	0	0	8	0	4	2	5	0	13	2	9	7	2	9	0	15	2	0
7	27	4	2	1	2	2	0	15	2	2	3	2	7	4	4	4	1	6	2
12	29	2	4	13	3	7	7	20	13	4	2	3	2	0	2	1	10	2	2

RECCRD 91, ITEM S T 1 3 5

FLIGHT 6 1, FRAME 1 1 0 1 0 7 . 9 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	16	2	4	4	30	7	52	32	4	17	8	14	14	0	7	5	17
8	4	6	7	10	26	23	7	2	2	7	2	4	2	7	0	2	0	2	6
0	3	0	3	3	2	0	6	0	2	0	0	0	0	2	0	0	0	0	2
0	0	2	0	0	2	0	1	0	2	2	0	0	2	0	2	2	0	2	4
4	2	0	2	0	2	0	5	4	2	0	0	0	0	2	0	1	0	0	0

RECCRD 92, ITEM S T 1 3 5

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	6	12	2	6	5	32	7	86	9	52	36	4	1	5	37	22	3	12
4	2	8	2	9	12	13	16	4	18	13	4	7	6	4	2	3	0	0	9
2	1	2	5	5	2	4	2	0	2	0	0	2	2	0	0	2	4	0	1
0	0	0	0	0	2	2	2	2	2	0	0	0	0	0	2	2	0	0	2
0	0	2	0	0	0	2	0	3	4	2	0	0	0	2	0	2	3	0	0

RECCRD 93, ITEM S T 1 3 5

FLIGHT 6 1, FRAME 1 1 0 1 0 9 . 7 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	4	15	15	1	2	0	26	24	74	38	13	75	134	27	23	19	2	32	45
2	7	10	0	9	0	8	2	31	23	6	9	22	2	3	6	4	0	5	13
3	7	0	8	3	1	0	0	0	2	4	2	0	0	0	0	2	0	0	0
3	0	0	2	2	0	3	4	0	0	2	0	0	0	0	0	0	0	3	2
0	0	2	5	0	0	2	2	9	0	0	3	0	0	0	2	2	0	0	3

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RECCRD 94, ITEM S T 1 3 5

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	4	6	25	5	2	24	45	2	11	4	77	14	7	13	13	10	4
9	9	2	0	13	6	4	0	6	14	9	4	2	2	5	2	1	0	0	1
5	4	0	1	0	0	0	0	0	2	0	0	0	0	1	0	0	1	2	0
2	2	0	0	2	0	0	0	4	0	2	2	2	2	0	0	0	0	0	2
0	2	0	2	0	0	0	3	2	0	0	2	0	0	0	0	0	0	0	0

RECCRD 95, ITEM S T 1 3 5

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	0	4	7	0	4	5	7	2	0	26	36	4	14	15	2	3	16	4
2	1	0	2	2	12	13	0	11	8	7	4	0	12	1	2	0	0	4	1
0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	3	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0

RECCRD 96, ITEM S W 1 2 6

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	6	0	10	2	29	3	25	0	2	2	4	2	4	2	2	0	9
3	4	2	0	3	5	3	0	2	5	4	2	10	6	4	9	1	5	5	3
1	9	0	1	10	7	2	2	1	12	2	5	3	2	3	5	0	5	0	8
3	0	0	2	0	5	5	4	2	0	0	2	4	2	4	4	2	0	0	0
0	0	0	4	5	3	2	2	0	0	11	5	0	2	2	2	3	0	2	4

RECCRD 97, ITEM S W 1 2 6

FLIGHT 6 1, FRAME 1 1 0 1 0 8 . 4 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	0	6	19	25	27	7	49	10	84	13	9	3	2	5	0	2	2	1	7
2	5	2	0	15	10	7	6	2	4	6	4	21	6	3	8	5	2	7	4
5	2	0	2	11	9	3	2	3	12	5	2	5	4	6	7	4	0	2	4
3	2	2	2	2	2	2	7	2	2	6	11	0	4	0	4	3	0	0	2
0	6	12	7	2	1	5	9	3	2	6	17	6	9	5	5	3	2	3	6

RECCRD 98, ITEM S W 1 2 6

FLIGHT 6 1, FRAME 1 1 0 1 0 9 . 7 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	2	0	7	42	57	2	8	2	11	0	0	4	0	0	0	2	0	0	4
4	3	2	0	2	0	0	5	2	2	2	0	7	0	0	0	0	0	5	3
1	2	4	0	2	7	0	1	1	5	4	2	2	0	2	0	0	0	0	2
3	4	0	2	0	3	4	2	0	1	2	0	2	0	10	2	2	0	3	4
2	4	0	0	2	4	2	4	3	4	2	9	2	0	1	4	2	4	0	3

RECCRD 99, ITEM S W 1 2 6

FLIGHT 6 1, FRAME 1 1 0 1 1 0 . 6 0, RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	5	19	42	81	55	79	109	7	19	13	5	7	4	0	2	2	0	1	8
1	4	0	0	0	1	7	14	5	7	3	1	10	8	4	19	6	9	7	0
5	0	0	13	9	4	3	0	0	2	2	2	6	2	4	2	6	0	2	10
2	1	8	0	2	0	2	3	0	0	0	0	0	0	1	12	2	4	5	4
2	0	2	0	2	0	1	3	0	5	0	4	0	11	2	0	2	0	1	2

RECCRD 100, ITEM S W 1 2 6

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = .1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	3	2	191	25	349	53	2	3	3	8	0	6	4	4	1	4	2	0	2
5	0	1	2	7	0	8	5	2	8	7	7	7	23	0	3	6	8	9	2
4	5	8	9	7	3	6	7	0	8	7	5	0	0	7	0	12	0	12	7
14	4	3	2	4	0	3	0	2	2	4	2	4	2	1	0	3	4	5	3
5	5	7	0	0	4	1	2	6	6	2	6	0	5	3	1	0	0	1	4

RECCRD 101, ITEM S W 1 2 7

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	3	2	9	7	5	0	9	1	4	2	0	4	5	1	5	0	0
0	0	0	2	0	2	0	2	0	0	0	2	1	2	0	0	2	4	0	1
0	0	0	0	2	0	2	5	2	8	2	16	6	7	0	9	5	7	6	4
0	2	0	0	1	0	5	2	18	1	4	2	0	0	0	0	0	0	0	2
2	0	0	0	0	2	0	6	0	5	0	7	0	0	0	0	0	0	2	0

RECORD 102, ITEM S W 1 2 7

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	5	6	18	32	1	8	4	8	2	2	4	6	11	0	2	2	10	3
2	2	0	0	0	3	0	4	2	0	0	0	3	0	0	0	0	2	1	3
2	0	2	2	2	0	0	0	0	1	2	9	1	5	2	5	5	0	0	27
2	3	8	6	4	7	4	7	11	1	7	6	3	2	1	2	0	0	4	0
0	5	0	2	0	4	0	5	0	4	0	6	2	0	0	0	2	2	4	0

RECORD 103, ITEM S W 1 2 7

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 C , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	5	7	11	145	272	9	0	0	0	9	2	19	10	6	37	6	4	2	9
0	2	0	0	3	2	2	0	0	0	0	0	2	2	0	0	0	2	0	7
3	0	1	5	1	8	0	2	0	2	0	5	0	2	4	0	6	1	4	4
2	15	6	3	2	15	15	9	0	0	7	1	20	5	1	0	6	0	8	0
2	2	0	0	0	0	2	4	7	0	0	9	9	3	2	0	3	0	2	2

RECORD 104, ITEM S W 1 2 7

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 C , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

4	6	23	29	61	33	75	60	5	1	5	2	2	6	4	0	4	0	4	4
2	2	0	2	4	5	2	0	2	0	0	0	2	4	0	4	0	2	0	0
0	2	0	2	0	0	2	0	0	0	0	0	2	1	3	0	1	2	0	4
0	0	2	2	4	2	5	2	0	0	2	0	0	0	3	2	2	0	0	0
0	0	0	2	0	0	2	0	0	4	2	2	2	0	0	0	0	1	1	0

RECORD 105, ITEM S W 1 2 7

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	3	5	178	20	261	54	14	4	7	0	2	6	10	15	6	53	21	14	2
10	0	0	0	2	0	3	0	0	0	0	2	2	7	1	1	2	0	3	0
0	0	2	0	2	0	2	0	2	0	0	0	0	2	0	2	0	2	3	3
2	2	0	3	0	2	0	2	5	2	4	1	0	0	0	0	0	2	3	2
0	0	0	2	2	2	0	0	1	2	1	2	2	2	0	0	1	2	2	0

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RECORD 106, ITEM S W 1 2 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	8	0	6	10	15	4	28	3	7	7	2	0	0	3	3	5	8
0	2	5	10	29	2	18	1	7	6	3	4	14	2	0	7	6	12	16	16
1	0	4	4	9	6	4	3	2	3	0	0	3	2	3	0	2	3	0	2
5	2	3	3	7	5	8	0	4	0	0	6	8	6	2	1	2	4	2	5
7	5	7	5	19	2	6	11	14	2	2	12	0	9	2	0	0	0	12	8

RECORD 107, ITEM S W 1 2 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	3	28	45	3	7	20	31	9	11	18	5	18	10	13	11	6	0
24	12	7	23	29	17	71	21	8	3	10	11	4	3	2	4	2	13	26	10
12	8	9	8	6	7	25	5	15	4	0	2	7	0	0	7	9	0	4	7
7	1	12	8	19	8	5	9	4	12	8	18	1	17	4	2	5	9	1	0
3	12	21	4	27	4	20	17	7	0	11	13	4	3	4	2	2	4	11	2

RECORD 108, ITEM S W 1 2 8

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	7	21	89	18	9	5	12	35	2	2	6	0	10	0	5	5	7
4	9	17	1	11	19	2	15	3	5	0	12	11	6	0	11	0	7	13	2
2	7	2	6	9	11	5	17	6	23	8	4	11	4	1	7	6	4	7	2
14	4	9	2	3	6	10	4	4	0	2	0	2	0	0	2	4	7	10	12
1	8	2	3	0	8	2	4	3	9	6	2	1	4	2	2	2	1	4	0

RECORD 109, ITEM S W 1 2 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	2	7	12	9	28	17	6	6	19	19	4	3	5	4	2	4	3	0
13	18	5	30	4	32	12	7	9	16	6	1	5	0	3	29	6	0	0	8
4	2	4	6	4	2	2	4	0	1	0	0	5	4	2	3	1	2	1	0
2	0	3	0	4	4	3	2	0	1	0	2	2	2	2	4	4	2	2	2
2	0	0	0	5	3	2	4	0	1	2	0	0	2	0	0	0	0	0	2

RECCRD 110, ITEM S W 1 2 8

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

3	4	10	7	5	49	11	4	5	12	32	14	26	12	4	12	4	9	21	0
57	9	4	10	9	9	12	61	14	3	6	5	3	22	28	11	0	2	12	3
12	5	0	5	5	3	10	2	3	12	0	5	7	5	0	2	1	2	6	0
5	7	2	3	4	2	4	0	0	0	7	4	2	0	2	0	1	0	0	0
0	2	0	2	2	2	0	2	1	2	0	2	2	0	0	2	2	0	0	4

RECORD 111, ITEM S W 1 2 9

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 01

THE PSD VALUES (INTEGER)

2	0	3	18	0	35	34	6	0	29	12	21	6	9	13	8	14	15	2	4
5	3	7	3	16	15	5	7	0	13	3	2	9	7	0	1	0	0	2	0
6	9	0	5	2	4	2	7	5	1	3	9	4	0	7	2	0	9	11	2
2	2	4	0	0	7	2	3	3	7	2	7	8	4	3	0	2	2	2	7
5	2	22	1	2	3	4	3	12	15	2	17	6	11	3	0	3	11	1	5

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RECORD 112, ITEM S W 1 2 9

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	3	7	14	21	1	5	6	13	0	-4	4	2	7	0	5	0	8	5
2	3	0	0	0	5	0	2	0	3	0	0	4	0	0	-2	0	0	1	2
2	0	2	1	0	0	2	2	0	2	0	2	0	0	0	0	0	1	0	2
0	0	4	2	0	0	2	0	2	0	0	0	0	0	2	0	0	0	0	0
0	0	5	0	2	0	3	2	5	1	1	4	2	2	2	3	4	2	0	0

RECORD 113, ITEM S W 1 2 9

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	3	4	4	78	126	7	0	2	3	12	0	28	-8	3	34	5	2	0	13
2	0	0	0	0	0	2	2	0	1	1	0	3	1	2	0	0	2	3	2
2	5	5	8	11	6	2	4	0	5	1	2	2	2	0	0	2	0	2	4
1	8	0	2	7	14	1	4	4	9	4	3	2	0	3	2	0	6	10	9
3	4	0	4	0	9	2	4	5	5	5	4	2	0	8	7	1	0	3	7

RECORD 114, ITEM S W 1 2 9

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	3	12	17	31	18	35	34	1	3	1	1	6	5	2	0	-2	0	4	2
2	0	0	2	2	5	4	2	0	2	0	0	0	2	0	2	2	0	0	0
0	0	0	4	0	0	5	0	0	0	0	0	4	0	6	0	4	0	0	3
4	9	10	4	2	3	2	4	1	0	0	2	0	2	5	2	2	0	0	4
6	0	0	0	1	2	0	6	0	6	4	0	0	5	1	0	3	2	0	0

RECORD 115, ITEM S W 1 2 9

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	4	5	112	13	120	21	14	3	7	4	2	11	6	12	7	39	19	4	0
5	0	2	4	3	2	3	1	0	4	0	2	5	7	2	2	4	2	18	0
0	2	0	2	7	4	3	0	5	7	2	2	2	3	10	4	5	0	11	0
6	2	5	3	0	2	0	2	2	0	0	1	2	0	3	1	0	2	3	2
6	2	2	2	0	0	3	4	0	3	6	2	0	0	2	0	2	0	2	2

RECCRD 116, ITEM S W 1 3 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

1	4	5	15	0	66	45	17	2	21	26	14	13	17	22	8	29	9	2	4
2	10	1	0	3	0	0	0	3	2	9	9	12	15	2	5	0	1	2	18
0	2	3	8	6	7	1	2	1	13	0	3	0	13	0	0	0	0	0	2
2	2	2	3	0	0	14	8	0	5	2	1	0	0	6	6	2	3	5	35
32	5	2	0	0	0	2	9	14	9	4	11	5	2	1	2	2	2	4	3

RECCRD 117, ITEM S W 1 3 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	2	8	6	29	37	5	13	10	12	2	7	9	15	15	0	6	12	23	6
2	1	0	0	11	5	2	3	5	7	1	3	5	0	2	2	0	0	2	5
1	0	0	6	5	0	0	0	0	0	0	2	2	3	2	0	0	2	0	2
0	2	2	0	0	0	0	3	0	2	1	2	2	0	3	0	2	0	6	5
4	5	4	2	2	1	0	5	5	0	3	3	0	2	0	0	2	0	0	4

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RECORD 118, ITEM S W 1 3 0

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	3	6	6	149	334	19	7	3	0	32	7	94	55	39	130	35	25	5	16
10	12	2	4	5	14	3	10	2	1	10	6	11	0	3	0	2	0	6	3
2	2	2	4	1	4	1	0	7	0	2	2	0	0	0	0	2	0	2	7
0	5	0	0	2	4	0	2	0	2	2	2	0	0	5	2	0	6	8	8
4	0	2	3	0	2	0	1	0	0	4	6	5	8	0	0	3	0	0	2

RECORD 119, ITEM S W 1 3 0

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	3	15	18	31	13	55	44	1	3	7	6	7	20	8	0	13	2	4	3
3	5	0	2	6	5	12	9	9	7	4	0	2	2	0	2	0	2	2	2
0	0	0	3	2	0	0	0	2	0	2	0	2	2	0	0	0	0	0	0
0	0	2	0	0	0	2	0	0	0	0	0	2	0	0	2	0	1	0	2
2	0	0	2	0	0	2	3	0	0	0	0	0	3	0	0	0	0	0	0

RECORD 120, ITEM S W 1 3 0

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	3	6	143	9	155	29	21	0	14	12	4	15	22	29	12	95	53	34	6
18	1	2	6	6	2	33	14	5	4	8	3	5	7	5	2	4	2	11	2
2	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	1	2	0	0
4	3	0	0	0	2	2	0	2	0	2	2	0	0	0	0	0	0	2	0
0	0	2	0	2	2	0	2	2	1	2	0	0	2	0	0	0	2	0	0

RECORD 121, ITEM S W 1 3 1

FLIGHT 6 1 , FRAME 1 1 0 1 0 7 . 9 0 , RECORC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	2	0	4	0	2	1	8	3	7	0	2	0	2	2	0	2	0	4	6
0	0	1	5	2	2	5	2	2	1	4	7	5	3	0	2	4	12	0	12
4	3	7	10	5	2	7	1	5	3	0	2	0	3	0	3	2	1	2	0
0	2	0	5	2	2	2	2	2	0	2	2	0	0	0	0	0	0	0	2
0	2	0	0	2	0	0	0	4	0	0	0	0	0	2	1	0	0	0	2

RECORD 122, ITEM S W 1 3 1

FLIGHT 6 1 , FRAME 1 1 0 1 0 8 . 4 0 , RECCRC LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	4	10	8	4	4	13	8	10	1	2	6	7	4	2	9	7	2
17	7	0	7	6	15	14	5	2	2	7	5	7	2	2	2	11	16	4	22
39	5	41	9	16	2	24	2	21	15	11	8	10	9	0	6	5	0	0	0
0	2	6	0	1	2	3	5	2	2	2	0	3	0	0	0	0	0	2	0
0	5	2	0	3	2	4	5	2	1	4	0	0	2	2	2	0	2	0	0

RECCRD 123, ITEM S W 1 3 1

FLIGHT 6 1 , FRAME 1 1 0 1 0 9 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	5	10	25	61	20	5	22	5	24	2	20	12	2	14	4	8	5	2
12	3	8	26	7	20	9	7	8	9	19	14	29	4	9	6	9	2	16	7
25	23	27	31	200	29	18	92	79	23	5	31	35	1	14	20	37	4	4	4
6	19	0	2	8	3	6	2	9	4	2	0	1	2	1	2	7	2	0	8
0	0	2	13	5	9	6	2	2	6	0	2	2	6	2	6	3	0	4	4

RECCRD 124, ITEM S W 1 3 1

FLIGHT 6 1 , FRAME 1 1 0 1 1 0 . 6 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

1	0	4	15	15	19	25	41	9	4	31	56	11	13	16	3	20	21	16	17
77	46	6	55	16	65	3	4	27	50	16	6	2	4	6	31	9	4	4	17
10	7	5	16	9	2	24	7	0	2	16	14	29	14	28	17	2	13	7	8
4	5	0	2	2	1	6	0	10	2	0	0	0	4	4	3	7	2	2	5
3	2	2	0	2	2	4	4	8	6	3	2	2	4	0	4	0	1	2	1

RECCRD 125, ITEM S W 1 3 1

FLIGHT 6 1 , FRAME 1 1 0 1 1 2 . 0 0 , RECCRD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	2	2	1	3	4	4	0	1	15	2	4	5	7	0	11	11	6	0
13	8	2	7	3	14	9	14	0	2	2	0	7	10	4	0	0	0	6	6
1	0	1	5	2	2	12	6	6	4	6	7	0	2	2	0	0	2	0	2
1	5	4	0	2	4	0	2	5	2	2	2	4	0	0	2	0	2	0	0
0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0

RECORD 1, ITEM A W 0 0 1

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E-02

THE PSD VALUES (INTEGER)

0	0	0	2	2	16	7	6	2	0	4	0	2	2	2	7	15	13	8	8
2	4	0	2	1	2	2	7	11	2	3	10	3	12	2	19	4	10	5	12
13	18	8	4	4	12	2	6	6	5	6	9	7	3	19	12	15	25	8	5
11	19	13	10	20	7	7	38	20	23	21	19	5	40	16	19	4	0	2	2
9	8	9	2	8	9	2	7	5	4	4	4	16	0	6	10	1	7	9	7

RECORD 2, ITEM A W 0 0 1

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	2	13	13	4	1	6	3	2	2	7	4	21	21	1	0	2
0	8	3	2	0	4	2	0	0	2	4	8	4	5	5	2	4	6	7	6
8	6	1	5	2	8	7	3	0	6	6	3	7	5	24	0	9	6	7	0
0	4	6	9	35	13	0	66	4	2	25	2	7	15	8	12	0	3	2	3
4	2	2	4	7	5	2	1	0	9	1	0	0	7	5	2	19	2	6	2

RECORD 3, ITEM A W 0 0 1

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E-03

THE PSD VALUES (INTEGER)

0	0	0	4	7	38	21	16	3	6	7	4	6	14	10	39	40	27	19	15
5	12	5	6	6	4	6	10	15	6	7	18	9	16	14	26	8	14	26	18
24	21	9	13	11	20	9	8	9	16	15	11	14	8	62	35	37	34	29	5
27	33	26	28	61	29	7	115	62	48	64	27	12	64	21	34	13	11	8	11
7	11	14	9	24	15	11	13	8	33	13	5	19	11	11	24	27	13	13	17

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RECORD 4, ITEM A W 0 0 2

FLIGHT 5 1, FRAME 0 9 5 9 4 0 . 0 0, RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E-02

THE PSD VALUES (INTEGER)

0	0	0	0	4	18	14	9	0	4	0	3	5	0	12	14	8	15	12	8
3	2	6	2	0	4	4	5	3	11	2	4	7	13	14	9	0	4	6	5
11	5	3	14	0	2	9	37	7	12	2	10	11	18	9	21	6	10	20	36
30	15	18	12	13	12	2	8	21	26	25	17	57	27	35	13	99	12	8	6
26	11	11	6	4	4	3	3	0	2	2	4	7	2	0	5	2	8	17	5

RECORD 5, ITEM A W 0 0 2

FLIGHT 5 1, FRAME 0 9 5 9 4 3 . 0 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	2	5	5	0	7	5	2	0	4	3	0	0	19	13	4	3	0
2	4	2	0	1	0	5	2	0	3	2	0	2	5	7	11	0	4	5	12
6	2	0	14	0	1	2	5	6	0	6	6	15	6	15	27	6	5	19	6
2	12	19	11	9	7	4	2	14	11	6	9	20	22	28	6	7	6	0	0
4	6	4	7	3	13	2	7	2	12	4	6	0	0	10	2	4	2	7	2

RECORD 6, ITEM A W 0 0 2

FLIGHT 5 1, FRAME 0 9 5 9 4 0 . 0 0, RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E-03

THE PSD VALUES (INTEGER)

2	0	0	2	12	33	26	17	4	4	2	10	6	5	15	46	27	32	20	8
7	5	6	2	2	8	8	9	4	16	10	5	10	20	30	19	4	10	10	19
17	12	10	32	4	6	14	43	12	15	15	22	26	31	25	50	22	37	65	64
45	27	49	35	26	27	10	33	38	44	32	33	108	95	99	33	115	28	13	15
30	16	9	11	7	18	5	17	6	13	7	9	5	5	11	11	6	11	25	6

RECORD 7, ITEM A B O I 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	1	8	4	4	0	0	0	2	4	5	2	2	8	6
2	2	0	4	0	0	1	7	0	6	5	4	8	2	4	25	0	15	15	12
51	69	121	160	149	245	14	205	21	30	30	137	191	122	393	50	19	10	31	11
15	4	6	6	3	2	0	2	6	2	0	2	4	2	0	0	2	0	3	0
2	4	2	2	4	8	2	6	2	10	3	9	6	8	17	11	14	14	46	11

RECORD 8, ITEM A B O I 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	2	0	0
0	0	0	0	0	0	0	2	2	0	0	0	2	0	3	0	2	5	0	0
0	3	13	19	11	21	6	18	6	6	44	18	95	40	63	12	4	3	0	2
0	0	2	0	0	2	2	0	0	0	0	0	0	0	2	0	0	0	0	0
0	0	0	0	4	2	0	2	0	0	4	0	0	0	0	4	3	9	7	6

RECORD 9, ITEM A B O I 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	4	0	0	0	0	0	0	4	7	3	8	4	4
0	0	0	0	4	0	4	4	2	4	2	2	3	4	8	7	2	12	6	4
16	25	77	66	62	108	12	80	17	20	79	71	165	104	173	56	18	7	16	5
5	0	2	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	2
2	0	0	2	4	4	2	2	2	5	4	6	3	8	5	8	10	8	26	10

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RECORD 10, ITEM A B 0 1 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2	0	2	3	4
0	0	0	0	0	0	2	2	0	2	2	0	2	4	2	8	0	5	3	4
13	19	30	39	33	57	4	45	4	10	6	28	47	33	86	15	2	1	8	4
2	0	2	0	4	2	2	2	2	3	2	0	5	3	0	2	4	0	6	2
2	0	0	2	2	4	0	5	0	9	5	4	7	3	14	6	11	7	21	6

RECORD 11, ITEM A B 0 1 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	2	2	2	0	0
0	0	0	0	2	0	0	2	4	0	0	0	0	0	3	0	2	4	0	0
0	3	12	19	9	19	6	16	9	9	41	11	78	32	53	11	1	2	0	0
0	0	0	0	0	4	2	2	0	2	0	0	0	0	2	0	0	0	2	0
2	0	0	0	6	2	2	4	0	3	6	0	2	6	2	4	8	22	15	4

RECORD 12, ITEM A B 0 1 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	3	2	0	0	0	0	0	4	6	2	5	3	4
0	0	0	0	4	0	4	4	2	4	2	0	2	4	8	8	2	14	5	4
15	27	70	62	53	100	14	74	21	20	77	57	145	104	148	55	12	3	8	3
7	0	1	0	4	5	4	0	6	2	2	3	5	5	2	2	6	0	6	7
2	0	0	2	9	8	7	5	5	10	12	5	5	8	21	15	22	33	52	15

RECORD 13, ITEM A B 0 2 0

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E-05

THE PSD VALUES (INTEGER)

2	0	0	0	2	0	2	7	4	6	2	0	0	2	4	0	2	9	3	4
2	5	5	2	4	5	0	6	0	2	3	4	3	1	2	2	0	12	5	6
3	2	6	7	8	5	6	9	5	9	2	13	8	14	8	43	25	35	40	39
4	3	17	30	19	14	6	13	4	18	6	6	5	4	38	7	4	2	2	11
5	15	7	6	13	47	21	36	27	45	14	9	9	18	24	12	15	3	23	15

RECORD 14, ITEM A B 0 2 0

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	2	2	2	0	3	2	2	0	4	2	11	0	5
2	7	0	0	7	2	2	3	0	2	0	0	2	0	4	5	2	0	4	0
3	3	1	5	6	0	2	0	4	0	6	10	7	4	6	7	16	2	1	28
22	12	3	10	6	21	6	13	2	0	4	7	2	2	3	0	6	3	10	0
4	2	4	7	20	2	7	14	0	4	27	7	3	2	2	1	14	0	24	25

RECORD 15, ITEM A B 0 2 0

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

2	0	0	0	2	0	9	16	19	21	3	4	2	6	4	4	6	20	6	12
6	12	5	2	6	9	4	12	2	3	6	4	3	4	10	9	7	11	11	8
9	7	10	15	16	14	9	11	11	7	8	25	23	40	29	52	43	37	59	64
57	18	39	40	28	43	10	29	11	25	13	21	13	6	40	11	8	4	12	11
9	15	6	16	38	82	64	55	29	57	42	15	11	22	23	12	44	6	66	42

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RECORD 16, ITEM A F 0 0 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E-05

THE PSD VALUES (INTEGER)

0	2	2	5	4	8	19	25	12	24	3	9	15	30	174	114	57	71	139	54
1	5	3	14	4	14	8	3	17	8	16	2	7	29	32	24	10	20	11	14
18	40	11	15	3	0	0	5	7	12	4	10	9	5	5	3	10	5	0	2
12	2	3	7	2	7	7	18	4	0	6	13	5	7	13	11	6	2	0	27
3	14	0	20	2	1	11	6	1	2	5	4	2	4	13	3	8	7	7	4

RECORD 17, ITEM A F 0 0 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	2	2	2	3	16	2	11	0	7	10	2	105	130	221	34	18	8
4	13	7	0	2	2	6	6	10	1	0	2	8	5	18	2	3	3	0	8
0	5	9	2	0	0	0	1	2	2	0	0	12	4	4	3	4	3	0	2
0	0	2	1	4	3	0	0	8	3	2	2	2	0	2	4	0	2	2	4
2	6	4	5	2	3	0	5	0	2	4	2	5	1	5	2	2	0	0	1

RECORD 19, ITEM A F 0 0 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E-05

THE PSD VALUES (INTEGER)

0	0	0	7	12	12	31	56	16	49	13	24	29	68	595	506	268	175	122	73
12	24	32	34	8	20	21	9	27	32	24	23	18	42	71	33	14	30	39	37
18	48	27	28	3	10	4	7	15	8	3	12	35	14	11	3	9	12	0	6
14	6	5	10	20	13	5	13	5	6	12	27	14	16	11	16	4	2	4	30
4	17	8	21	9	4	8	22	9	7	13	21	10	4	34	10	15	4	5	9

RECORD 19, ITEM A F 0 1 0

FLIGHT 5 1, FRAME 0 9 5 9 4 0 . 0 0, RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-06

THE PSD VALUES (INTEGER)

0	0	1	23	2	2	9	24	24	107	15	10	6	10	38	60	27	85	16	30
3	9	7	9	9	44	24	80	28	62	26	36	19	25	92	70	23	41	4	87
28	23	20	73	50	47	54	50	10	9	10	4	5	11	13	6	4	8	2	7
4	6	14	11	13	2	24	8	6	2	17	8	18	2	36	11	39	18	17	10
10	10	10	14	31	20	13	31	19	9	12	5	6	10	14	50	7	21	7	22

RECORD 20, ITEM A F 0 1 0

FLIGHT 5 1, FRAME 0 9 5 9 4 3 . 0 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	13	2	0	8	21	19	23	5	7	0	3	17	18	15	94	4	12
10	8	0	1	24	38	15	9	2	16	8	14	2	6	15	49	2	14	11	12
18	26	25	5	10	6	6	10	6	3	0	6	1	4	11	3	21	8	4	6
4	0	15	4	14	0	3	0	6	2	6	2	2	1	1	6	19	26	14	9
38	5	2	6	44	2	7	10	1	4	4	3	4	18	2	4	3	9	10	4

RECORD 21, ITEM A F 0 1 0

FLIGHT 5 1, FRAME 0 9 5 9 4 0 . 0 0, RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E-06

THE PSD VALUES (INTEGER)

2	2	7	38	4	4	23	149	78	171	37	79	15	35	87	65	72	236	34	65
20	19	22	14	78	96	90	137	51	95	67	71	32	58	122	142	48	85	18	127
65	98	62	88	66	78	73	46	11	17	13	11	10	27	33	10	38	15	15	25
35	14	52	4	43	14	21	7	16	2	33	29	28	8	44	16	42	36	30	52
53	18	18	26	91	31	53	23	49	29	27	14	19	22	24	55	27	79	66	36

RECORD 22, ITEM S W 1 2 3

FLIGHT 5 1, FRAME 0 9 5 9 4 0 . 0 0, RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

2	0	0	19	16	31	20	15	7	11	4	1	8	8	7	20	8	15	3	11
1	2	6	0	4	0	0	2	2	1	4	4	2	2	2	0	0	3	2	2
4	8	2	0	0	6	2	0	3	2	2	1	6	9	3	2	4	2	2	5
10	0	2	0	15	2	6	3	6	4	9	15	5	12	5	18	18	7	2	16
27	19	10	9	63	12	17	8	20	42	24	42	5	6	3	11	8	7	16	7

RECORD 23, ITEM S W 1 2 3

FLIGHT 5 1, FRAME 0 9 5 9 4 3 . 0 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

3	2	7	6	20	9	1	9	0	3	0	2	3	0	0	14	13	2	2	1
0	0	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0
2	0	2	2	0	2	5	0	2	3	5	0	5	2	4	2	2	0	2	7
0	4	0	2	2	0	1	0	2	0	2	0	3	0	0	2	0	0	5	7
0	0	2	4	0	2	1	0	0	1	0	5	5	12	8	1	0	5	0	0

RECORD 24, ITEM S W 1 2 3

FLIGHT 5 1, FRAME 0 9 5 9 4 0 . 0 0, RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

1	4	9	16	47	79	60	46	10	5	7	9	10	10	10	48	25	14	7	8
2	2	6	0	0	2	3	2	4	3	6	4	6	2	2	0	0	8	4	2
5	9	2	2	1	2	7	0	5	10	4	3	10	14	6	9	18	3	10	22
11	8	4	2	13	4	3	4	10	8	6	15	7	14	4	28	19	11	9	29
31	24	18	7	65	20	17	53	35	73	16	25	28	28	28	33	41	9	12	14

RECORD 25, ITEM S W 1 2 4

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 07

THE PSD VALUES (INTEGER)

0	2	0	12	21	71	43	40	12	10	1	4	2	4	2	0	2	0	0	4
2	0	6	0	4	0	0	0	2	4	2	2	2	7	4	2	0	0	2	2
5	8	0	0	3	3	2	4	0	3	0	0	2	4	2	2	3	6	3	0
5	0	4	0	12	9	2	7	4	9	22	24	12	9	9	77	51	41	15	60
75	69	43	76	151	51	20	60	77	192	14	57	7	4	10	6	2	2	0	3

RECORD 26, ITEM S W 1 2 4

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

1	0	10	12	40	21	2	17	17	0	2	5	1	0	2	6	0	0	2	5
2	0	2	0	5	0	2	0	1	0	0	0	2	4	0	0	0	2	0	0
0	0	2	3	0	2	0	0	2	2	0	0	2	0	2	1	2	3	0	2
4	2	0	0	0	0	0	1	2	0	0	0	2	0	0	3	0	0	0	0
0	1	4	7	0	0	9	3	2	6	8	10	16	42	55	28	12	10	5	3

RECORD 27, ITEM S W 1 2 4

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

1	4	12	21	79	160	74	76	24	7	3	9	4	11	8	6	5	8	0	11
10	0	8	2	21	0	6	2	6	4	2	2	2	10	3	4	0	5	6	0
5	5	4	5	3	4	0	4	0	5	2	5	7	4	7	3	6	17	6	4
11	4	6	4	21	9	8	10	16	6	30	38	15	10	12	81	46	44	17	78
92	81	51	80	156	54	61	169	142	251	33	64	96	68	124	94	113	29	37	22

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RECORD 28, ITEM S W 1 2 5

FLIGHT 5 1 , FRAME 0 9 5 9 1/4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1790E 06

THE PSD VALUES (INTEGER)

0	2	0	2	10	14	15	10	11	4	2	0	0	3	5	10	8	8	8	13
2	6	3	9	11	15	7	42	48	69	14	24	5	11	9	2	7	10	2	4
10	7	2	3	2	0	0	3	1	11	5	3	11	13	15	4	4	6	7	12
6	3	1	6	11	2	0	3	5	6	9	11	13	18	7	50	36	32	22	49
48	48	13	11	149	28	50	56	45	130	10	49	32	30	22	23	15	13	34	31

RECORD 29, ITEM S W 1 2 5

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	2	10	7	8	6	7	0	7	7	2	0	1	6	9	3	5	0	2
2	1	0	2	3	4	0	18	10	12	2	4	0	0	3	5	3	5	7	3
6	8	5	2	0	10	11	2	10	7	2	2	2	22	17	8	2	1	4	7
5	4	1	1	12	8	2	3	4	0	7	4	0	4	0	3	4	4	3	2
0	2	4	12	4	3	8	4	6	14	9	22	13	26	22	19	16	10	7	0

RECORD 30, ITEM S W 1 2 5

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 05

THE PSD VALUES (INTEGER)

2	4	5	12	26	35	29	30	16	8	9	9	4	11	19	24	13	15	8	21
6	8	3	14	16	25	12	68	82	93	37	26	9	6	13	5	10	12	9	11
19	14	11	7	5	9	12	4	16	15	6	3	17	32	44	22	3	15	17	35
19	10	11	18	28	16	5	15	15	13	14	23	20	32	8	76	37	41	33	62
69	59	29	52	169	52	67	121	69	174	31	47	82	61	56	85	74	24	44	30

RECORD 31, ITEM S W 1 2 6

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

0	2	6	25	41	109	44	40	22	5	10	8	12	2	2	12	12	3	18	15
4	7	9	2	17	11	10	8	30	21	11	18	2	23	23	21	8	11	24	11
5	7	19	13	12	7	13	4	3	4	6	4	9	11	14	2	9	7	5	7
2	2	0	7	1	7	3	7	9	5	24	12	10	19	31	10	28	23	8	17
0	28	6	17	23	3	46	8	5	5	12	12	12	37	10	15	13	6	46	12

RECORD 32, ITEM S W 1 2 6

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

3	4	14	19	52	17	1	27	7	5	9	5	3	2	10	4	17	0	2	21
0	7	5	3	3	6	2	9	8	5	2	4	4	20	16	5	0	6	9	10
5	4	6	5	5	0	2	5	7	5	5	4	0	10	8	0	5	3	4	6
5	7	7	0	7	8	4	2	0	4	0	10	3	5	5	6	0	7	7	10
0	0	5	18	2	1	2	4	1	3	10	6	0	5	0	3	0	1	9	2

RECORD 33, ITEM S W 1 2 6

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

3	8	25	52	122	265	105	85	35	10	19	33	22	4	20	46	28	11	23	43
1	14	15	5	27	20	11	17	53	36	23	31	9	62	58	27	8	23	37	16
9	38	25	21	17	15	30	10	13	6	12	14	40	20	39	7	21	8	13	14
32	7	13	8	23	20	19	12	37	19	19	14	21	38	40	66	32	54	16	40
25	25	14	67	27	14	51	31	15	17	42	35	27	51	2	15	18	9	48	28

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RECORD 34, ITEM S W 1 2 7

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 07

THE PSD VALUES (INTEGER)

0	0	0	3	7	24	17	10	3	2	0	2	0	0	4	4	4	4	0	4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	2	5	0	0	3
4	0	4	2	2	2	2	7	2	3	4	16	4	16	27	46	8	34	25	33

RECORD 35, ITEM S W 1 2 7

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	0	10	6	54	32	3	24	15	0	3	8	13	3	3	21	10	1	4	4
0	4	0	0	0	0	0	0	0	2	1	0	2	2	0	0	0	0	0	0
0	1	0	0	0	5	1	2	0	0	3	0	3	0	0	2	0	2	0	2
4	0	0	0	0	2	2	0	2	2	0	0	0	0	0	0	0	2	0	1
0	0	0	2	0	0	2	2	0	2	7	7	0	0	0	0	0	0	2	1

RECORD 36, ITEM S W 1 2 7

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	0	1	4	27	57	33	24	11	2	2	7	3	9	12	16	7	9	4	4
0	0	2	0	0	0	2	0	0	2	0	0	0	2	0	0	0	2	1	2
2	0	0	0	0	2	0	0	0	2	4	0	2	0	0	0	2	0	0	0
2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	4	0	4	3
2	2	2	2	6	2	2	1	0	4	6	17	3	16	28	48	2	37	28	39

RECORD 37, ITEM 5 W 1 2 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	0	0	5	4	17	0	6	0	7	0	0	0	0	2	0	0	2	0	8
2	2	0	1	2	5	0	12	14	21	4	11	12	12	7	10	3	4	6	3
11	8	4	8	2	0	1	9	4	9	7	0	0	2	4	0	0	0	2	3
0	2	0	0	0	2	0	4	2	7	0	6	7	5	8	2	12	0	2	0
2	0	2	0	0	0	0	0	2	0	2	2	0	2	2	1	2	2	3	2

RECORD 38, ITEM 5 W 1 2 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	4	4	0	2	4	2	6	0	0	0	2	2	4	0	2	4	0
0	2	0	7	0	4	2	5	4	2	2	0	0	5	7	4	2	5	0	8
2	0	5	4	4	0	2	0	7	0	0	0	0	2	3	2	6	0	1	0
0	2	7	0	0	7	8	0	2	5	4	5	8	2	5	0	0	0	0	0
2	0	0	0	2	2	0	2	2	0	0	2	0	0	2	0	0	0	2	0

RECORD 39, ITEM 5 W 1 2 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 05

THE PSD VALUES (INTEGER)

2	0	6	4	0	27	7	19	5	16	0	0	0	2	6	4	2	4	4	12
0	4	6	7	6	9	8	19	22	25	16	13	11	19	16	13	9	9	6	9
15	8	17	11	4	1	8	14	4	8	7	2	0	4	9	2	2	4	8	4
0	4	4	2	2	8	7	7	5	8	5	16	11	11	17	8	13	4	0	4
4	0	1	2	7	2	0	6	2	4	0	0	0	0	5	1	2	3	14	2

RECORD 40, ITEM S W 1 2 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

0	2	0	8	11	38	27	20	6	6	4	4	2	4	6	16	5	16	0	9
2	0	4	0	2	0	0	0	10	0	0	0	0	2	0	0	2	0	0	0
2	2	1	2	0	0	0	0	0	8	15	2	4	6	16	2	8	5	5	5
4	2	4	3	4	6	0	2	6	6	2	4	7	6	12	0	23	6	0	2
2	4	0	0	0	0	0	8	5	2	2	6	2	4	7	15	4	9	8	22

RECORD 41, ITEM S W 1 2 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

1	2	18	11	99	66	6	62	35	2	5	18	28	13	3	66	29	8	2	2
2	5	2	0	2	0	5	0	0	2	10	0	3	0	0	0	0	2	8	2
9	10	1	25	4	4	5	2	15	4	49	4	13	12	59	4	27	8	6	31
2	2	25	0	0	20	12	2	5	21	29	17	53	3	39	7	4	0	1	0
2	7	3	2	4	3	1	6	0	2	0	5	0	0	2	0	1	2	10	2

RECORD 42, ITEM S W 1 2 9

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	2	5	8	52	100	58	33	19	6	6	14	11	18	19	43	18	26	5	13
4	2	8	0	2	0	2	0	0	3	6	2	2	0	2	1	4	2	4	2
6	9	5	10	0	3	5	2	13	6	22	10	14	12	36	6	19	9	15	14
8	3	10	8	4	14	4	14	8	16	10	13	26	22	24	3	24	8	2	9
4	7	2	2	0	6	2	2	5	5	2	3	4	4	13	18	8	11	8	20

RECORD 43, ITEM S W 1 3 0

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	0	0	6	11	50	41	22	13	8	1	9	9	4	16	36	16	33	13	18
0	2	2	0	4	4	2	2	6	5	4	1	1	5	8	10	0	1	2	2
0	3	1	3	2	4	2	0	0	0	0	0	0	2	0	0	0	2	4	2
2	2	2	2	0	2	4	2	2	0	0	2	2	0	0	0	0	0	2	0
0	0	4	6	0	0	0	0	4	2	6	0	0	6	8	14	1	12	5	11

RECORD 44, ITEM S W 1 3 0

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	9	5	31	25	5	18	15	6	7	17	17	7	3	47	33	6	3	0
0	0	0	0	0	2	2	2	2	4	0	0	0	8	6	4	0	0	0	3
0	2	0	2	0	2	0	0	0	2	0	0	0	0	0	0	2	2	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

RECORD 45, ITEM S W 1 3 0

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 05

THE PSD VALUES (INTEGER)

0	0	7	13	52	119	65	49	29	16	6	35	25	43	50	112	61	61	22	20
2	0	7	0	4	6	8	8	12	17	8	1	5	17	23	19	0	3	4	5
0	7	3	5	2	4	2	2	2	4	0	2	0	0	0	2	0	4	6	7
3	2	2	2	0	2	4	2	6	0	0	2	6	0	4	0	0	0	7	6
0	0	4	4	2	0	4	4	6	2	3	2	4	5	10	13	4	16	14	9

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RECORD 46, ITEM S W 1 3 1

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 05

THE PSD VALUES (INTEGER)

2	0	4	6	6	11	6	2	0	5	0	0	1	2	2	4	2	4	0	7
2	2	0	3	2	6	2	17	21	32	8	18	7	12	11	6	7	5	5	10
24	14	5	24	5	7	12	44	9	20	8	10	11	26	20	11	7	10	12	18
23	8	10	8	7	14	3	8	13	11	10	11	27	19	18	4	37	6	0	2
6	6	5	4	2	2	0	4	14	3	5	7	2	6	8	11	4	3	4	16

RECORD 47, ITEM S W 1 3 1

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100F 05

THE PSD VALUES (INTEGER)

0	0	2	0	3	5	2	5	2	3	0	0	2	0	0	6	4	0	2	0
0	2	0	2	0	1	0	6	7	4	5	1	0	6	7	6	3	5	2	12
2	1	5	17	1	9	6	10	7	7	11	4	16	13	24	16	4	6	13	7
8	2	14	9	7	5	3	2	5	5	1	4	8	10	7	0	2	0	0	2
0	0	0	0	2	6	0	3	0	2	0	1	0	2	2	2	0	0	0	4

RECORD 48, ITEM S W 1 3 1

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

4	0	5	2	14	32	15	11	3	8	2	2	4	2	6	14	10	6	2	9
0	4	8	5	2	11	10	23	33	42	27	18	10	14	18	16	14	10	11	29
26	21	17	52	14	32	20	57	20	33	27	25	34	42	50	38	22	25	41	42
35	16	36	22	18	20	9	16	11	12	14	12	44	53	41	17	41	9	6	12
12	8	13	9	6	6	0	8	13	10	8	15	4	8	10	10	4	3	13	16

RECORD 49, ITEM S W 1 3 2

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 02

THE PSD VALUES (INTEGER)

0	0	0	5	7	39	34	15	12	5	3	7	9	4	17	39	20	34	15	16
2	2	3	0	4	7	2	3	8	9	10	1	1	13	15	19	0	12	5	2
4	6	11	6	4	5	4	4	0	5	0	4	0	8	9	4	2	0	9	9
11	2	0	0	0	2	0	2	0	2	2	4	5	5	5	2	11	0	2	0
2	0	2	0	0	0	0	4	2	0	0	2	0	0	4	0	0	0	2	0

RECORD 50, ITEM S W 1 3 2

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	5	3	25	21	4	11	9	8	7	15	16	7	4	55	38	6	1	0
0	0	0	0	2	0	4	2	2	10	0	0	0	11	17	7	2	6	4	3
2	3	4	4	2	2	0	0	2	2	7	2	4	3	4	4	2	2	5	4
0	2	4	0	2	4	1	0	0	2	1	3	5	4	3	0	0	2	0	2
0	0	0	0	2	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0

RECORD 51, ITEM S W 1 3 2

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 01

THE PSD VALUES (INTEGER)

0	0	5	11	41	94	50	23	27	12	10	33	26	41	44	117	68	65	22	20
4	4	5	0	6	2	10	13	15	22	17	3	7	37	44	33	3	11	7	7
8	12	15	10	4	9	4	2	4	9	11	8	7	7	16	12	6	2	19	16
16	6	6	2	0	10	3	7	2	8	3	5	12	10	12	2	17	7	4	4
4	0	5	0	0	0	0	0	2	0	0	6	0	2	4	0	0	0	7	0

RECORD 52, ITEM S W 1 3 3

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

0	0	0	1	2	21	20	12	6	5	3	5	7	2	16	29	12	24	8	9
0	4	3	0	6	2	0	3	6	11	5	5	4	14	12	20	0	5	11	2
0	7	12	12	2	7	5	1	0	7	4	4	0	9	12	0	2	2	10	16
8	2	2	4	0	5	0	6	1	7	2	7	8	13	17	4	22	5	0	0
4	2	0	2	2	0	4	0	0	0	2	0	2	0	0	2	0	2	2	2

RECORD 53, ITEM S W 1 3 3

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	4	0	14	9	4	6	7	4	5	10	10	3	2	36	24	4	2	0
0	0	0	0	2	0	6	1	2	13	0	0	0	10	15	7	2	2	4	4
1	3	0	8	1	5	2	0	1	5	9	4	7	3	11	6	0	2	8	8
2	0	3	0	2	5	4	2	2	3	4	3	6	3	4	1	2	2	2	0
0	2	1	2	2	2	2	2	0	2	2	4	0	0	0	2	0	0	0	1

RECORD 54, ITEM S W 1 3 3

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	4	1	18	45	26	24	15	11	6	25	17	19	37	82	46	43	17	9
0	8	3	0	9	4	10	12	11	31	15	7	6	32	38	26	4	9	15	9
6	12	19	22	7	18	7	2	2	22	18	10	8	9	17	11	10	10	29	31
16	4	13	8	4	14	6	16	5	11	3	15	21	28	24	10	31	9	5	11
10	8	3	0	4	2	4	6	0	6	6	2	2	4	4	6	2	2	0	5

RECORD 55, ITEM S W 1 3 4

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 04

THE PSD VALUES (INTEGER)

0	0	0	2	2	9	7	4	5	2	0	1	5	0	3	7	4	10	6	3
2	4	3	2	2	1	2	11	8	21	12	9	4	8	5	13	5	2	7	1
14	12	15	19	5	11	3	18	7	24	13	4	7	5	4	5	6	6	1	5
7	6	8	4	4	4	1	3	4	9	5	4	10	7	2	4	2	6	5	2
7	0	8	0	2	4	3	2	1	2	0	2	6	0	0	2	2	0	5	4

RECORD 56, ITEM S W 1 3 4

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030F 05

THE PSD VALUES (INTEGER)

0	0	0	4	2	4	3	0	0	3	4	4	1	0	0	13	8	0	4	0
2	0	2	2	0	1	1	2	6	7	0	1	0	6	4	3	0	0	0	7
0	0	3	3	0	10	8	4	0	2	12	2	2	4	6	5	2	2	1	3
5	5	4	2	1	3	2	2	3	5	0	2	0	4	3	0	1	0	0	3
0	0	0	0	2	4	2	2	0	4	2	2	1	2	3	2	3	0	10	4

RECORD 57, ITEM S W 1 3 4

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	2	4	7	20	15	6	5	8	6	12	4	11	10	36	21	14	9	6
2	2	6	5	0	6	10	19	22	38	19	13	9	17	13	21	7	2	8	10
15	9	20	23	11	25	16	27	10	31	33	12	10	10	10	10	11	13	4	8
15	14	13	9	17	9	3	4	9	13	11	3	14	15	13	9	6	7	3	6
6	6	5	4	4	6	4	7	0	4	4	5	10	5	8	9	7	5	15	10

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RECORD 58, ITEM S T O 7 2

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

0	0	2	21	43	38	12	18	44	57	4	25	40	28	88	12	22	24	9	22
1	2	1	4	5	4	7	1	0	9	5	5	24	10	10	10	14	5	22	8
21	6	11	10	2	8	16	18	11	31	18	15	7	8	18	9	19	17	5	12
20	4	1	30	13	27	22	19	2	6	7	13	15	8	10	17	16	7	5	20
0	23	4	2	0	8	25	14	11	26	17	44	62	16	12	23	12	6	11	2

RECORD 59, ITEM S T O 7 2

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	1	5	5	0	11	0	0	43	88	5	36	28	6	54	3	93	6	8	11
2	4	6	2	5	2	3	0	0	0	2	0	6	2	8	9	4	4	2	0
11	0	6	9	0	5	1	11	7	7	4	9	4	12	2	12	4	8	4	1
2	5	2	5	6	18	2	10	15	10	8	7	5	3	9	2	11	12	25	20
0	0	7	16	4	3	0	2	3	2	8	5	9	8	58	13	2	9	6	7

RECORD 60, ITEM S T O 7 2

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

3	5	29	44	50	42	60	46	109	182	16	68	71	47	160	40	135	40	13	64
4	10	24	8	14	14	8	5	5	16	11	11	43	11	6	42	10	10	36	37
35	26	27	27	6	18	21	45	40	36	33	36	14	28	19	25	38	29	20	21
20	18	5	48	37	49	42	39	27	20	21	27	26	15	18	21	36	24	39	30
0	35	22	33	19	35	26	32	25	36	19	59	66	22	105	48	9	11	25	16

RECORD 61, ITEM S T O 7 3

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	0	2	13	25	22	4	7	25	28	4	12	41	20	94	29	8	13	12	10
1	2	3	3	3	0	2	2	0	5	6	0	5	7	0	9	3	9	6	6
4	2	0	2	1	0	6	4	2	13	5	4	2	1	6	3	6	8	0	12
10	2	2	2	3	4	4	4	0	2	5	5	0	4	2	2	0	0	6	6
0	8	5	2	5	4	9	6	3	2	4	7	4	3	0	0	0	2	7	0

RECORD 62, ITEM S T O 7 3

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	3	8	2	8	2	0	27	32	3	33	25	0	25	0	38	0	2	5
0	4	6	2	0	0	0	0	0	1	1	0	6	2	8	9	5	5	0	3
2	7	4	7	0	2	0	1	4	0	0	4	5	2	0	2	0	0	2	4
1	0	2	5	0	0	2	0	3	0	0	4	0	4	2	5	4	5	0	7
3	0	5	6	2	4	2	5	5	2	0	2	2	0	2	0	7	2	0	1

RECORD 63, ITEM S T O 7 3

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 05

THE PSD VALUES (INTEGER)

3	4	8	24	31	28	19	11	63	82	11	92	86	28	144	64	64	20	18	27
3	6	12	8	3	8	3	5	0	13	12	7	16	18	17	29	10	10	5	20
8	29	10	15	6	5	6	7	12	10	11	8	7	4	6	6	10	7	3	21
9	4	8	4	11	4	4	8	6	2	6	11	4	8	4	10	4	8	11	17
7	15	9	17	9	5	10	22	10	4	7	13	8	10	17	11	13	25	14	6

RECORD 64, ITEM S T 1 1 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

2	0	0	7	13	13	4	7	17	27	6	14	37	27	68	14	13	19	4	8
4	2	4	0	2	2	0	0	2	8	7	0	7	6	2	12	7	6	0	3
5	4	0	0	2	2	2	0	0	8	5	3	3	2	4	2	0	2	0	2
0	0	0	2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0

RECORD 65, ITEM S T 1 1 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	2	12	2	14	0	12	19	18	4	33	40	4	25	5	55	0	0	3
0	2	0	2	4	0	7	0	2	2	4	0	2	3	10	11	1	6	4	4
2	0	0	0	1	2	0	5	2	2	2	1	0	2	0	2	2	2	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0

RECORD 66, ITEM S T 1 1 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 05

THE PSD VALUES (INTEGER)

6	3	7	21	17	29	15	22	42	47	14	70	81	33	109	36	71	24	11	11
8	6	4	2	8	2	2	2	9	12	13	2	5	15	12	34	14	10	8	9
9	2	5	0	5	13	1	9	2	8	7	5	6	8	3	2	1	0	4	4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
0	0	0	7	0	0	0	-2	-0	0	0	2	0	0	0	0	0	2	4	0

RECORD 67, ITEM S T O 7 7

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	0	2	0	4	2	4	7	4	8	2	1	5	2	12	4	4	3	0	7
0	1	0	8	2	4	3	12	5	7	2	0	8	15	10	2	0	4	5	2
4	5	7	4	7	2	2	5	9	8	17	3	12	20	43	16	5	15	24	10
20	7	7	4	15	13	24	2	26	16	41	33	14	28	16	42	24	26	20	29
57	11	22	35	16	2	111	23	16	96	41	13	20	11	56	25	34	42	48	48

RECORD 68, ITEM S T O 7 7

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	3	0	2	7	3	4	1	7	3	13	2	3	6
0	4	1	0	0	0	0	0	0	6	6	0	0	2	2	6	0	2	2	3
1	0	3	0	7	2	0	2	2	5	0	8	9	2	31	16	3	10	1	5
0	0	12	0	2	1	4	4	7	22	5	4	14	23	53	6	25	7	2	6
2	6	5	0	1	5	7	6	10	38	0	17	12	21	33	2	80	85	22	5

RECORD 69, ITEM S T O 7 7

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.1930E 03

THE PSD VALUES (INTEGER)

0	0	2	2	4	6	6	12	4	13	9	8	9	6	40	9	24	5	8	18
0	7	10	8	2	3	14	12	7	14	13	5	16	18	14	10	4	6	15	8
15	12	13	6	24	4	9	11	16	14	15	14	22	22	87	32	5	25	46	13
29	12	22	15	31	22	32	7	38	47	51	37	38	51	79	56	49	38	86	36
65	19	35	39	35	14	115	38	62	173	40	52	47	43	102	29	122	127	76	64

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RECORD 70, ITEM S T O 7 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 06

THE PSD VALUES (INTEGER)

0	0	0	0	4	4	2	4	2	3	0	3	7	1	13	2	2	7	2	4
0	4	2	0	5	0	0	0	2	0	0	4	6	11	16	2	0	2	1	7
2	0	2	4	0	2	3	0	1	0	5	4	6	6	4	0	4	7	10	29
12	12	17	0	5	3	2	9	13	6	2	5	9	1	6	8	3	19	0	15
11	14	15	13	7	18	15	1	23	6	24	26	9	22	36	5	37	12	24	6

RECORD 71, ITEM S T O 7 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	2	4	2	0	2	11	3	17	4	2	2
0	0	3	2	0	0	0	0	0	2	0	0	2	2	2	0	2	0	0	2
2	0	0	0	1	3	3	2	1	4	7	3	5	2	2	0	2	7	2	2
0	2	2	0	0	0	2	2	4	11	3	0	5	3	11	10	27	7	5	5
0	8	0	4	9	6	31	5	4	2	0	4	9	0	3	4	0	2	2	2

RECORD 72, ITEM S T O 7 8

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	2	4	4	1	6	4	8	6	3	7	10	36	9	21	17	8	12
0	7	7	0	7	2	2	0	4	0	3	7	12	13	16	2	2	2	1	12
4	2	3	4	8	5	9	2	10	8	17	14	10	10	3	1	9	17	20	43
16	24	21	1	9	3	8	11	15	27	13	9	19	7	17	18	36	27	20	19
11	19	16	18	20	28	50	17	29	36	24	34	25	26	57	13	41	17	26	15

RECORD 73, ITEM S T 1 3 5

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	0	4	5	4	7	9	16	2	2	5	9	10	11	47	23	29	10	10	9
2	0	2	2	2	4	2	0	2	0	1	0	2	7	2	6	4	4	8	5
2	9	4	0	3	6	5	5	0	2	2	0	2	2	0	0	4	4	4	2
0	0	0	0	0	2	0	2	2	2	4	2	0	2	2	2	4	4	4	2
1	4	0	0	4	0	2	2	2	5	6	15	9	5	2	0	8	10	14	3

RECORD 74, ITEM S T 1 3 5

FLIGHT 5 1 , FRAME 0 9 5 9 4 3 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	7	0	0	0	1	2	5	17	0	6	3	88	32	39	0	0	1
2	0	2	2	3	0	1	0	0	1	2	1	4	4	2	0	3	5	2	2
2	0	2	2	3	1	9	0	0	0	0	0	0	0	2	0	0	2	0	0
0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	4	4	4

RECORD 75, ITEM S T 1 3 5

FLIGHT 5 1 , FRAME 0 9 5 9 4 0 . 0 0 , RECORD LENGTH = 4 SEC.

PSD VALUE OF 1.0 = 0.6410E 05

THE PSD VALUES (INTEGER)

0	0	4	9	5	7	10	20	9	11	21	15	16	51	201	66	72	15	12	13
4	2	6	4	5	7	1	2	2	1	8	1	4	13	3	9	11	7	11	13
7	8	6	1	11	6	9	5	4	0	4	0	6	2	4	4	4	4	6	2
0	2	0	0	2	0	2	6	3	2	2	2	4	2	0	2	4	4	4	2
5	4	0	0	6	0	4	4	2	7	10	19	13	9	4	9	16	16	21	10

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RECORD 1, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

0	0	0	2	0	2	2	4	3	7	4	0	2	3	0	2	3	3	4	5
12	15	9	2	4	8	2	0	8	3	14	0	0	3	0	0	4	8	8	5
6	30	8	10	2	26	23	2	7	1	4	2	0	2	0	4	5	8	33	46
7	32	10	46	12	2	11	3	12	6	4	9	25	3	1	4	18	42	13	10
2	6	38	10	6	54	24	5	0	3	17	6	8	3	6	0	4	7	1	67

RECORD 2, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	4	2	0	2
0	0	2	0	0	0	2	0	0	2	0	2	0	1	0	0	10	7	0	3
3	9	2	5	0	4	5	3	2	0	4	2	3	7	7	0	1	3	6	7
0	0	6	1	2	7	2	6	2	7	4	6	0	3	6	1	0	4	0	5
2	0	3	2	4	0	4	1	2	1	0	0	0	0	0	2	2	3	7	2

RECORD 3, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	5	4	2	0	4	2	0	2	2	4	3	10	5	0	2
4	0	0	0	1	2	0	5	8	0	0	2	2	3	4	0	0	7	0	4
0	3	10	7	4	2	6	7	6	2	5	0	14	2	2	2	4	9	4	4
7	0	5	14	5	5	4	0	8	9	0	19	0	0	25	46	15	18	23	18
9	0	9	2	4	4	2	4	11	3	2	4	4	5	2	5	6	7	4	3

RECORD 4, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0,= 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	6	20	2	25	1	6	0	0	0	0	2	2	32	14	1	5
0	2	0	3	1	4	2	0	10	2	3	6	2	1	2	5	8	10	2	5
11	5	2	2	3	6	0	6	2	20	2	0	0	33	0	6	7	5	0	7
6	6	9	8	19	1	6	0	19	22	25	13	17	4	46	3	7	13	5	2
9	1	7	4	1	2	1	3	4	0	1	5	2	12	3	3	10	4	2	6

RECORD 5, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	2	0	0	3	0	1	0	2	0	3	8	0	10	3	2	4
2	2	2	0	2	0	0	2	3	0	2	2	2	7	0	2	2	7	2	4
2	4	4	5	5	8	5	6	3	4	2	7	7	8	5	6	7	0	1	4
8	2	9	0	39	24	3	12	4	2	6	0	32	4	6	32	3	3	6	11
8	35	31	36	6	4	10	7	13	6	10	5	2	5	7	11	7	3	0	0

RECORD 6, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	2	0	0	2	0	0	0	3	0	3	4	3	2	0
4	0	2	0	2	2	11	0	6	5	1	0	3	1	5	0	76	4	7	7
0	9	14	2	10	9	3	2	6	3	7	2	9	26	0	10	24	9	0	-3
5	17	0	14	11	10	4	8	5	8	3	7	19	10	1	0	4	10	24	3
37	6	21	26	1	13	0	53	2	7	7	0	0	2	0	0	2	5	5	4

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RECORD 7, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	3	1	4	0	4	0	0	2	0	2	2	18	0	0	2
5	2	2	4	0	2	0	1	2	0	2	4	4	0	0	6	7	2	1	2
0	0	2	9	4	4	3	2	4	9	0	12	8	21	12	2	6	2	3	10
6	2	2	7	4	17	5	6	5	6	4	0	6	2	8	18	4	0	6	5
2	8	3	2	2	5	0	3	2	3	2	2	2	4	7	2	1	1	0	2

RECORD 8, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	2	0	0	4	23	1	8	0	2	0	2	4	0	11	0	13	9	0	0
0	0	0	4	0	0	3	0	4	2	1	0	0	4	8	6	10	17	4	3
13	3	7	5	9	0	0	25	24	2	1	5	11	3	0	0	4	7	27	12
22	60	3	1	6	0	0	9	8	6	10	9	46	7	17	40	7	21	2	2
3	0	6	2	2	6	6	5	5	2	4	4	10	9	7	2	7	0	6	0

RECORD 9, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	0	0	3	0	0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	2	5	0	1	2	2	2	4	3	2	8	4	7
16	15	9	13	21	36	66	4	32	15	50	10	40	5	0	10	8	11	42	22
2	0	2	0	0	2	1	0	0	2	1	2	2	0	0	5	0	0	3	2
2	0	10	4	5	0	0	3	4	2	5	0	2	4	2	0	0	3	2	5

RECORD 10, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	6	4	0	2	2	2	4	2	16	7	2	4
40	43	0	27	5	19	2	10	7	9	53	25	27	11	4	4	16	9	2	0
2	1	0	0	2	0	0	0	0	2	0	2	0	2	0	0	4	2	0	0
2	0	2	0	0	4	2	2	2	3	2	0	2	1	2	3	3	4	0	2

RECORD 11, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	0	0
4	0	2	0	0	0	0	4	4	0	2	3	1	0	5	9	0	4	0	0
1	16	21	24	48	91	44	18	206	25	20	32	15	49	14	15	26	33	4	7
11	5	9	7	2	2	2	2	3	2	0	0	2	0	5	2	0	0	0	0
0	1	0	2	2	3	2	0	7	0	5	5	0	2	21	7	7	14	0	5

RECORD 12, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	2	2	0	4	4	2	3	12	8	3	4
7	4	0	4	8	12	34	32	87	23	34	19	4	10	0	3	4	4	4	0
0	2	0	0	0	0	0	2	2	0	1	0	2	0	0	0	1	2	0	2
0	0	0	0	0	0	0	0	0	0	1	2	2	4	10	4	5	1	3	3

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RECORD 13, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	0
0	2	0	0	0	0	0	0	2	2	0	2	0	2	0	0	2	7	6	6
7	4	2	0	5	14	16	19	16	4	7	8	7	4	9	16	5	2	0	4
0	0	2	4	6	4	3	5	9	7	3	0	0	3	2	14	4	4	3	5
7	2	0	2	0	3	3	7	15	9	7	18	9	7	5	6	11	10	0	33

RECORD 14, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
0	0	2	0	2	0	0	4	4	4	0	0	0	2	2	0	9	6	2	4
38	30	2	30	2	18	4	13	7	14	45	22	17	6	0	2	9	9	5	0
3	0	2	3	4	2	0	6	3	6	2	5	12	6	5	3	7	4	1	4
9	0	9	2	3	6	7	4	4	3	0	4	2	2	4	11	0	6	2	0

RECORD 15, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	2	2	0	0	0	3	0	0	0	3	0	2	0	2	0	2	0
3	2	0	1	2	0	2	4	8	0	3	5	7	2	6	8	5	6	0	4
4	2	9	19	45	57	41	8	120	10	22	14	10	23	2	20	29	18	17	7
16	5	11	5	6	0	8	13	0	0	4	8	34	26	44	2	10	8	6	6
7	7	23	12	2	14	5	2	15	8	33	4	0	4	12	15	2	41	0	5

RECORD 16, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0
0	0	0	0	2	0	0	0	0	6	4	0	2	5	2	4	17	6	4	4
7	0	0	2	8	7	30	39	68	19	22	15	2	5	0	3	5	9	3	0
5	4	0	2	2	1	0	3	5	0	3	0	0	4	0	2	10	2	2	2
0	1	7	2	3	2	0	1	0	9	4	7	0	4	0	5	10	4	8	7

RECORD 17, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	4	3	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	2	2	0	0	0	0	0	0	0	0	2	0	0	2	0	2
2	3	2	4	7	0	2	0	2	0	0	2	4	2	0	2	2	13	22	7
5	5	16	3	6	4	6	8	2	2	3	9	0	4	27	0	25	3	2	0
22	9	16	4	4	2	0	3	0	4	3	10	8	4	2	6	1	3	1	5

RECORD 18, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	2	0	0	2	0	0	0	2	0	2	0	2	4
2	0	0	0	0	4	2	0	6	3	2	2	2	8	2	0	4	2	2	12
6	6	4	0	0	0	0	3	4	5	5	0	9	17	5	10	19	65	2	16
14	10	8	2	13	0	1	5	2	9	8	20	4	3	0	10	2	33	8	13
0	15	14	4	0	23	4	23	7	20	55	18	7	2	6	5	9	59	10	22

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RECORD 19, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	3	2	2	2
0	0	4	0	0	0	0	4	3	0	0	0	0	0	3	0	2	0	2	2
5	10	12	5	4	4	2	0	1	6	10	2	2	3	24	0	7	2	8	16
6	3	4	20	0	0	8	4	2	0	6	8	9	4	8	5	0	4	4	2
1	2	9	7	4	22	3	25	12	20	20	30	1	6	21	5	10	15	12	2

RECORD 20, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	4	0	0	2	2	0	0	1	0	3	3	4	0
2	7	0	4	2	0	3	0	0	0	3	2	0	4	0	2	2	2	0	2
5	4	0	4	0	2	2	2	1	2	2	1	9	3	6	5	0	9	5	10
0	12	7	7	11	0	12	7	7	2	4	2	11	5	8	6	7	0	12	6
8	12	0	6	0	2	12	4	5	9	10	21	17	34	8	0	59	3	5	23

RECORD 21, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	4	0	0	2	2	0	0	0	4	4	2	0	3	9	2
3	2	2	0	0	4	0	2	0	2	7	0	2	8	5	4	0	5	0	2
0	2	7	0	2	4	2	0	2	2	0	0	4	2	1	0	10	2	4	0
2	0	1	2	2	2	1	2	12	0	0	6	3	0	4	1	0	2	2	4
0	4	3	2	0	0	0	3	2	0	27	10	5	2	3	4	5	0	0	2

RECORD 22, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	2	2	0	0	3	2	4	0	2	0	3	0	6	4	4	2	4
2	0	3	0	2	0	6	5	2	3	0	7	3	2	5	2	9	13	0	3
5	18	1	2	4	5	2	0	0	2	0	2	2	7	0	0	9	7	0	4
4	2	3	2	4	2	0	3	0	4	0	0	3	6	0	6	1	3	2	7
1	7	5	0	0	2	2	2	3	2	3	6	2	2	4	8	2	4	4	2

RECORD 23, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	1	2	0	4	4	3	11	5	4	3	7	4	58	63	2	12	20
4	0	6	0	6	2	9	6	10	5	2	2	5	14	2	4	0	8	7	10
4	54	21	6	14	0	7	8	10	1	4	4	5	6	3	2	9	5	10	2
7	4	3	5	2	2	4	1	6	2	5	7	4	4	1	6	1	4	5	1
2	2	4	12	6	2	5	16	3	0	6	8	0	2	0	0	0	0	9	3

RECORD 24, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	5	5	4	10	0	2	9	1	7	8	18	6	0	125	22	25	17
9	18	4	14	7	2	11	2	47	8	43	6	11	28	2	13	5	0	11	0
13	3	14	0	5	0	4	4	14	0	11	2	8	0	3	10	9	0	4	11
2	3	8	2	4	8	7	3	20	2	3	8	4	4	0	2	2	2	2	1
0	0	5	19	0	7	9	17	5	5	7	4	2	3	6	0	0	0	9	0

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RECORD 25, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	5	0	1	0	14	3	0	2	1	11	2	0	2	8	0
2	2	6	2	12	3	0	2	1	0	3	0	2	23	3	7	4	10	0	2
1	23	4	5	2	2	2	0	10	15	1	10	5	2	2	-0	1	0	2	0
0	0	3	0	24	7	7	6	4	3	4	11	3	2	6	5	2	0	2	11
2	1	0	3	4	0	10	28	3	7	4	11	1	0	6	0	2	7	7	4

RECORD 26, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	2	2	4	2	2	7	2	7	9	5	7	2	0	7	4	0	2	17	5
2	0	4	0	9	2	6	2	15	4	3	13	8	41	11	2	5	4	9	5
15	47	0	11	2	5	0	12	7	3	1	3	6	2	2	4	1	14	1	4
15	0	1	5	2	3	3	6	24	0	4	11	0	10	2	4	13	2	7	9
1	3	2	21	7	6	0	10	5	10	35	19	3	1	16	8	0	14	4	7

RECORD 27, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	2	3	2	5	5	9	32	1	3	2	0	4	20	13	27	3	11
2	3	4	2	3	2	6	33	3	13	1	49	2	5	23	64	23	30	4	13
17	5	65	5	12	9	30	18	21	9	2	4	2	0	13	2	73	21	3	6
4	2	0	7	3	14	4	5	6	27	12	2	15	19	5	11	4	4	22	16
5	1	2	8	0	12	0	8	21	5	40	5	3	37	4	11	12	17	62	11

RECORD 28, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	2	5	2	2	0	2	0	3	0	4	10	0
3	0	5	2	3	0	19	1	8	2	0	3	0	7	5	14	6	6	11	11
21	1	0	10	2	0	1	19	5	4	1	4	0	3	5	2	7	5	13	3
8	2	6	4	0	0	0	4	2	4	2	2	4	11	5	7	2	3	7	6
0	5	2	0	2	2	0	3	4	2	0	6	2	4	15	2	1	7	2	3

RECORD 29, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	2	0	4	2	1	2	4	0	4	0	5	0	0	2	11	1	12
2	0	4	0	2	5	6	10	10	12	1	4	13	13	7	0	0	6	0	2
0	13	0	3	0	4	0	0	6	5	3	9	5	3	0	0	3	2	0	10
26	2	3	2	13	4	15	7	10	3	3	10	2	5	3	36	7	1	7	41
4	3	8	29	4	4	5	19	2	4	7	18	7	3	21	17	0	0	16	17

RECORD 30, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	0	6	1	0	2	0	0	0	2	2	0	2	0	2	4	0	0	2
0	2	0	0	4	0	3	2	0	2	2	0	4	2	2	0	0	3	0	8
1	4	2	0	0	2	3	2	2	2	4	3	7	0	3	0	0	4	0	3
11	4	2	0	2	0	4	6	8	0	0	5	6	2	3	12	0	1	6	4
2	0	0	26	2	0	3	8	0	0	6	11	2	0	3	5	0	0	3	2

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RECORD 31, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	0	2	0	68	4	3	2	5	2	1	2	5	4	1	23	8	6	13
10	0	9	7	14	8	4	5	11	21	3	5	14	2	9	4	2	19	8	17
3	8	54	29	15	21	22	14	33	12	31	68	13	31	4	14	9	3	5	3
10	8	7	3	2	3	0	6	7	2	5	2	0	1	6	7	4	5	1	32
0	4	2	10	0	6	4	16	2	0	12	28	2	7	2	2	1	7	28	5

RECORD 32, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	2	10	47	4	22	0	5	0	2	0	0	8	0	12	4	0	4
0	0	3	2	2	0	7	0	3	0	5	0	0	0	2	1	2	1	6	0
3	0	0	9	2	1	8	0	2	2	3	3	0	2	0	0	0	10	7	11
34	4	17	5	19	6	3	4	8	7	30	26	5	7	4	5	6	8	0	9
2	0	1	7	2	5	2	3	0	0	3	3	0	2	5	2	2	0	4	0

RECORD 33, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	3	2	2	2	3	2	4	4	3	21	11	11	12
9	12	13	18	17	15	22	18	18	12	34	27	21	7	12	3	2	5	2	2
0	3	0	1	0	0	0	2	0	2	1	1	7	2	0	3	10	3	0	4
5	0	3	0	4	3	3	6	13	2	0	17	2	0	2	7	2	1	4	28
0	0	3	8	4	0	6	38	7	6	37	24	3	4	11	0	0	0	6	2

RECORD 34, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	2	2	4	2	2	2	0	2	0	1	0	2	2	1	8	2	5	4
2	0	7	3	1	6	6	3	6	5	2	4	2	9	5	6	8	6	3	6
9	6	5	2	4	29	5	8	14	6	2	11	32	12	16	18	15	5	9	13
21	3	2	4	1	4	6	10	20	4	0	14	7	3	0	22	2	0	5	2
0	0	2	22	5	4	21	35	7	5	33	17	2	0	24	0	2	2	14	11

RECORD 35, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	0	0	2	2	22	4	8	2	4	0	2	2	0	2	0	8	1	2	9
5	1	0	4	6	3	3	5	11	6	3	5	13	3	4	0	2	7	5	6
2	11	36	27	16	9	5	5	7	6	18	23	13	7	6	2	0	4	0	7
6	5	0	0	2	0	0	1	6	0	0	2	2	5	3	2	0	4	4	3
0	2	3	12	6	1	2	5	0	2	0	7	2	0	0	4	2	0	3	7

RECORD 36, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

2	0	1	2	27	96	7	44	0	5	0	0	0	0	2	0	0	2	2	0
0	0	0	0	3	0	5	0	4	0	3	0	2	2	0	1	2	2	6	0
3	4	4	4	11	20	12	14	6	5	4	0	0	10	0	3	5	9	29	25
49	0	37	7	41	18	28	27	12	26	68	64	24	5	2	8	12	23	17	0
9	3	1	20	2	8	7	0	2	2	4	6	1	3	4	2	0	2	3	5

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RECORD 37, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SFC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	0	0	3	0	6	4	6	1	2	2	3	1	2	1	2	2	10
5	5	7	16	10	20	9	1	5	22	5	16	10	6	0	1	2	2	0	2
0	5	2	4	0	0	3	4	4	4	0	2	13	2	2	0	7	6	0	2
0	2	2	5	4	2	5	0	12	1	0	12	5	4	4	3	3	4	0	18
8	6	3	7	3	4	11	4	0	0	19	19	0	0	7	6	0	4	1	5

RECORD 38, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	3	0	3	0	2	0	2	4	0	0	5	3	5	6	7	6	2	10
2	0	7	6	2	17	60	5	39	16	17	26	18	41	20	0	31	13	19	10
12	17	0	4	0	0	2	4	11	6	4	9	7	45	12	7	16	6	9	6
4	2	0	3	5	9	4	5	12	1	5	4	21	8	8	6	11	0	2	4
9	4	5	35	14	12	2	4	7	0	16	0	0	1	9	7	1	3	13	0

RECORD 39, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	1	0	2	10	0	2	4	0	0	2	2	3	4	0	8	0	0	0
0	0	9	2	0	2	17	16	29	2	9	3	7	4	2	0	5	8	0	0
20	29	5	6	23	4	0	12	6	0	6	9	9	15	8	0	3	0	4	4
6	2	0	0	0	1	0	0	6	2	0	6	7	2	0	3	3	0	2	1
0	0	0	8	0	4	3	2	0	4	3	2	0	2	3	2	0	2	0	2

RECORD 40, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 06

THE PSD VALUES (INTEGER)

0	0	2	0	0	11	0	2	2	2	3	0	3	1	9	1	4	5	4	0
5	4	0	3	6	9	3	4	43	5	2	10	5	4	4	7	7	15	10	0
10	3	32	7	6	5	5	10	2	2	8	0	0	10	11	0	13	13	3	6
46	6	11	6	13	0	10	9	2	4	40	12	12	12	3	4	7	4	7	2
7	2	3	3	2	0	2	2	9	4	4	6	4	5	12	0	4	0	4	7

RECORD 41, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	4	2	0	7	5	4	2	2	8	4	0	3	5	4	4	2	0	14
2	1	5	8	0	2	2	0	2	8	2	4	5	7	2	2	2	4	1	3
0	12	1	4	7	16	2	2	15	3	0	2	3	10	2	4	3	4	1	4
32	7	3	7	7	2	2	7	0	4	0	4	9	4	11	31	11	0	21	50
3	2	11	66	3	0	8	10	1	7	8	30	4	2	16	4	3	2	26	13

RECORD 42, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030F 03

THE PSD VALUES (INTEGER)

0	0	0	0	9	0	0	7	5	2	1	5	2	2	0	2	5	6	1	0
4	3	3	0	6	6	0	1	5	4	4	0	2	5	5	3	15	11	2	3
2	6	3	0	2	2	5	7	6	1	3	2	5	27	7	1	11	5	3	0
0	2	5	0	1	0	2	5	12	2	2	5	3	0	0	0	2	4	2	26
3	0	3	4	0	3	3	7	1	4	7	7	6	4	10	2	2	2	6	0

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RECORD 43, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	2	0	0	15	14	8	3	1	6	4	5	4	6	4	0	8	2	0
1	4	0	2	0	10	10	6	3	6	4	0	0	0	0	5	2	30	4	3
8	34	33	15	2	0	5	0	3	5	2	0	2	4	0	0	2	0	18	0
2	4	2	4	11	2	5	7	0	3	5	6	2	0	6	6	6	4	2	6
2	3	1	21	3	2	8	7	5	5	13	10	2	0	9	4	0	4	20	2

RECORD 44, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	0	2	3	49	147	24	56	0	2	2	4	3	0	5	10	7	6	0	2
0	4	6	4	3	2	1	5	11	15	3	6	0	7	10	8	4	9	5	2
0	7	4	4	2	7	5	16	4	7	0	12	2	17	0	5	0	7	5	8
6	5	2	3	4	1	5	10	18	0	9	7	5	0	2	18	8	8	4	0
4	2	6	25	12	2	5	3	0	3	5	27	10	6	15	2	0	2	11	1

RECORD 45, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0	2	0	2	4
2	0	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	5
7	6	1	3	2	2	4	0	2	2	0	2	2	0	0	2	0	0	0	0
2	0	2	2	0	0	2	3	0	0	3	5	0	2	0	2	0	2	7	4

RECORD 46, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	2	0	0	2	4
0	0	5	0	0	4	2	0	0	2	0	0	0	0	0	0	0	4	0	2
2	0	0	0	0	0	0	0	0	2	0	0	4	0	2	0	0	0	0	2
7	2	0	2	5	4	2	5	6	10	5	8	15	12	20	11	17	10	9	24
32	27	26	2	23	17	18	28	15	27	21	34	47	27	56	49	28	46	42	50

RECORD 47, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	3	2	29	6	11	0	9	2	2	2	0	3	0	34	0	0	7
4	0	8	7	10	19	23	4	10	23	39	41	17	22	3	14	12	14	4	26
28	51	35	3	0	7	6	2	0	0	6	5	7	9	2	2	3	2	0	2
0	3	4	0	1	5	5	4	4	3	0	3	5	0	5	6	3	7	4	7
6	0	0	14	2	0	1	6	0	2	2	0	0	2	5	2	2	2	5	0

RECORD 48, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

1	0	5	7	34	132	11	69	5	11	8	1	4	1	2	0	4	10	10	4
9	5	5	0	20	11	47	12	16	12	11	0	7	31	1	4	10	0	14	4
14	23	39	19	9	7	12	18	14	38	15	0	3	2	1	0	3	2	4	9
10	8	2	2	2	0	0	2	10	2	2	0	0	0	6	8	0	0	2	0
0	2	3	12	0	3	3	12	4	5	8	7	1	0	2	0	0	4	12	2

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RECORD 49, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	0	9	0	1	0	8	2	23	2	3	0	2	2	3	2	0	2	12
0	0	11	4	4	10	2	5	5	10	0	2	0	0	0	3	2	11	0	2
0	5	0	3	2	39	5	5	1	9	2	2	0	7	0	3	4	0	3	7
13	0	0	0	7	1	0	2	2	2	2	8	2	4	0	2	2	0	6	2
4	3	17	34	10	4	0	9	2	1	0	6	0	2	5	18	8	3	6	0

RECORD 50, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	3	0	0	0	12	2	10	2	0	0	0	2	0	2	0	2	5
0	2	5	0	2	6	21	2	12	3	3	6	15	9	10	2	52	8	14	14
0	16	0	14	2	2	0	0	3	5	0	0	0	7	0	0	2	2	0	0
4	2	0	0	6	4	0	0	1	3	20	19	5	17	8	20	20	18	12	24
2	15	4	4	8	3	4	16	0	0	5	0	0	0	3	0	2	0	5	0

RECORD 51, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	0	4	16	2	15	2	7	2	0	7	2	3	0	1	0	0	6
1	2	11	2	3	4	20	24	55	4	16	29	25	7	2	32	39	12	0	2
22	63	25	19	78	7	14	5	96	8	6	13	15	3	3	5	14	2	0	1
9	0	3	5	6	3	4	14	5	13	0	4	2	0	2	4	2	0	2	4
0	3	0	3	2	0	4	7	2	4	0	9	2	0	0	2	2	2	0	3

RECORD 52, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	0	5	13	5	11	4	2	2	2	0	0	2	0	0	4	2	2
4	0	2	2	2	1	2	2	21	13	0	4	5	4	6	3	7	17	14	4
15	4	20	13	7	1	0	24	10	0	2	0	2	2	3	2	2	2	1	2
3	0	0	2	1	0	0	3	0	2	0	0	7	5	3	2	1	1	3	0
0	2	0	2	2	0	4	1	0	2	0	2	2	0	2	0	2	0	0	0

RECORD 53, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	5	0	7	0	2	0	2	0	0	0	0	4	5
2	0	2	0	0	2	0	4	3	4	2	0	0	0	0	0	0	3	0	0
0	4	0	0	0	0	0	2	0	2	0	0	2	0	0	0	2	2	0	4
6	0	0	0	0	0	0	0	2	2	0	0	3	0	1	4	0	0	4	0
0	0	2	3	0	0	3	2	0	0	4	7	2	2	2	0	2	0	0	2

RECORD 54, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	0	4	0	0	0	0	5	0	0	0	2	0	2	0	1	0	7
0	0	6	0	0	0	4	0	0	0	0	0	2	2	0	0	0	5	0	8
5	2	2	0	0	2	0	0	5	6	2	0	3	4	0	2	2	4	0	0
12	3	2	0	7	5	4	2	4	14	26	28	18	19	19	61	32	17	18	3
4	18	19	2	10	5	3	6	2	4	2	0	2	4	3	0	0	1	6	2

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RECORD 55, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	2	3	42	14	22	0	17	3	0	12	1	8	4	43	1	2	11
4	2	8	2	6	9	11	0	12	12	17	12	13	0	2	3	3	10	5	8
5	24	8	5	22	15	7	4	6	7	20	12	0	7	4	0	9	4	4	5
7	6	6	2	14	5	3	11	12	16	0	2	4	5	2	28	1	0	4	7
5	2	0	9	6	0	4	5	2	2	2	4	1	0	8	2	2	2	6	1

RECORD 56, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	0	1	2	15	62	7	24	2	4	0	0	2	3	9	0	14	7	0	2
4	2	2	5	5	2	8	0	2	0	0	0	0	4	0	2	1	0	0	0
2	10	6	6	2	2	0	4	1	4	0	2	0	0	0	0	5	2	6	3
10	5	5	0	2	2	0	7	2	1	0	1	14	1	5	6	1	4	4	2
0	0	0	16	2	2	0	2	2	0	0	0	2	0	2	2	0	0	1	0

RECORD 57, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	2	0	0	2	0	3	0	5	0	4	0	4	0	2	2	0	0	6
3	0	5	0	0	3	0	2	0	7	0	9	2	0	2	0	0	3	0	0
0	2	0	2	0	2	2	0	2	0	0	0	2	1	0	0	0	2	0	0
6	0	0	0	4	4	0	2	3	0	0	2	2	0	0	4	0	0	2	13
0	0	2	8	0	0	0	3	2	2	4	6	2	2	2	0	2	4	9	0

RECORD 58, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	2	0	4	0	2	0	0	9	2	0	0	12	3	5	4	8	2	13
3	0	10	2	6	2	5	10	2	8	2	5	2	3	3	0	21	3	0	0
2	1	0	7	0	8	11	1	6	0	2	0	5	0	2	0	3	0	0	0
10	0	2	0	7	3	0	5	0	5	6	10	1	5	7	9	15	8	5	21
5	8	21	5	13	5	1	7	5	8	10	11	14	9	28	23	16	4	15	11

RECORD 59, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	0	2	14	5	8	0	8	2	0	7	3	6	2	35	0	2	4
2	0	3	0	2	0	4	3	4	0	3	3	4	3	0	0	2	10	0	2
5	6	2	2	2	2	0	0	2	0	0	4	0	2	0	2	0	0	0	0
2	0	0	0	2	0	0	0	0	0	0	3	3	0	3	9	2	0	0	0
0	0	0	4	0	0	2	0	0	2	2	1	0	0	0	0	0	0	7	0

RECORD 60, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	5	3	17	70	5	28	2	8	1	2	3	10	25	0	45	14	0	2
2	4	0	6	0	0	12	4	18	3	7	4	4	3	0	7	4	15	7	1
0	2	4	4	3	0	1	2	3	0	0	0	0	0	0	2	0	0	0	3
3	0	0	2	2	0	0	0	2	0	0	1	0	2	0	0	2	0	0	2
0	0	0	6	0	2	0	0	2	0	0	0	0	0	4	0	2	0	2	2

RECORD 61, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	0	0	3	0	3	2	9	0	2	0	0	0	0	4	0	2	3
0	0	3	0	2	0	2	2	2	0	2	0	0	2	2	0	0	2	0	2
0	0	0	0	2	3	3	2	0	0	0	2	0	5	1	0	11	4	4	11
0	1	0	2	3	5	2	5	4	0	0	1	8	0	0	4	2	0	2	6
0	0	1	0	2	0	2	9	2	4	3	6	0	2	2	3	0	0	10	0

RECORD 62, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	1	3	0	0	0	6	0	6	2	2	0	2	2	2	0	0	0	6
0	0	5	2	4	2	17	10	16	11	8	0	12	4	6	0	35	0	16	19
2	27	9	12	7	12	0	4	0	7	2	0	6	20	7	14	26	2	2	0
6	6	6	12	8	0	2	4	1	13	4	2	9	8	0	7	2	6	3	12
26	6	2	5	7	3	2	12	5	2	18	8	28	10	2	6	18	10	8	0

RECORD 63, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTFGER)

0	0	0	0	0	3	0	7	2	2	0	0	5	0	0	0	5	0	0	0
1	0	3	2	3	6	7	13	21	3	5	13	1	2	2	11	15	6	4	3
15	11	11	20	27	0	8	6	83	12	5	19	11	44	9	3	4	1	2	8
2	3	4	0	3	9	2	7	5	6	4	0	2	0	11	17	0	2	2	0
0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0

RECORD 64, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	0	6	23	3	11	2	2	2	0	0	2	2	0	8	0	0	2
7	0	0	4	4	5	7	2	28	11	1	11	14	3	4	5	20	15	15	7
15	6	12	3	21	14	5	65	56	2	4	13	10	5	1	1	9	10	35	8
21	45	5	3	2	0	2	11	6	2	5	5	45	3	11	6	5	10	5	2
2	0	0	6	4	0	4	2	4	1	2	3	1	2	0	0	0	0	0	0

RECORD 65, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	6	2	0	5	7	2	4	4	4	2	5	4	0	9	4	2	4	3
1	3	1	0	6	11	6	19	5	9	4	4	2	0	5	4	2	0	8	11
0	13	2	7	4	7	15	2	7	9	4	6	2	0	14	7	1	3	4	11
2	2	2	2	3	2	2	0	2	2	1	2	0	5	5	7	7	0	3	2
6	8	6	2	2	2	7	5	4	7	2	0	8	3	2	8	13	14	0	2

RECORD 66, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	2	0	0	7	2	2	2	4	2	0	4	0	4	0	0	2	2
3	0	8	0	2	2	4	10	2	4	4	8	2	6	2	3	40	10	10	1
3	5	0	6	0	4	8	4	7	0	0	3	2	6	3	2	3	4	4	0
2	8	5	4	1	0	2	0	0	5	5	2	0	2	6	2	0	10	2	2
9	7	8	23	24	17	38	28	14	3	16	1	0	5	2	2	2	4	4	2

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RECORD 67, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	0	2	9	0	5	0	2	0	2	2	3	5	0	23	0	2	3
2	0	2	0	1	0	3	4	4	0	7	2	1	3	2	2	5	10	1	0
2	0	2	7	18	10	2	3	1	3	13	8	0	5	4	0	2	0	3	3
0	2	0	0	1	2	0	2	3	3	0	2	0	2	2	3	2	2	0	1
2	1	2	0	2	0	2	0	1	0	0	2	2	0	0	0	2	2	2	2

RECORD 68, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	3	2	10	23	0	14	0	5	1	2	1	5	16	0	31	10	3	1
0	3	0	4	0	0	7	3	34	5	7	5	4	11	2	19	4	21	10	1
0	2	0	5	8	0	7	7	0	4	2	7	0	0	0	7	0	2	4	22
5	10	10	1	7	2	3	12	5	0	0	2	24	0	2	10	2	6	2	1
2	0	0	2	0	0	2	2	3	0	6	2	2	0	0	2	1	4	0	2

RECORD 69, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	0	2	2	2	0	0	0	6	2	2	8	3	0	1	1	2	5	4
3	3	5	2	0	3	1	2	0	2	2	4	4	0	0	0	2	2	0	2
0	0	2	0	6	4	2	6	2	2	2	0	1	0	1	5	0	0	0	3
0	5	2	1	2	6	2	5	2	0	9	0	2	0	6	4	4	2	2	4
6	5	3	0	0	0	3	6	0	6	2	2	5	3	0	2	2	2	0	2

RECORD 70, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUFS (INTEGER)

0	0	1	5	0	0	0	4	2	1	2	3	0	1	4	4	5	0	4	3
0	0	2	0	4	5	2	10	4	8	0	12	3	4	4	4	10	8	9	21
9	10	6	9	12	5	2	6	6	0	6	3	2	0	0	2	20	7	0	2
1	1	0	9	3	0	4	2	7	10	2	4	6	0	0	4	2	11	4	2
8	11	11	6	2	5	2	26	2	3	4	2	8	18	7	2	5	0	0	0

RECORD 71, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUFS (INTEGER)

2	0	3	0	4	3	8	4	0	2	0	2	4	3	5	3	29	2	11	4
4	0	4	5	0	0	7	42	37	4	4	3	3	17	4	5	13	6	6	2
20	30	5	17	73	13	4	1	77	7	40	52	8	38	9	0	11	0	8	2
5	10	7	13	2	9	4	14	5	4	4	0	18	11	5	7	5	2	5	6
0	4	6	0	6	12	4	2	0	10	0	0	4	1	2	6	3	0	9	10

RECORD 72, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	0	7	11	4	7	2	0	0	2	2	4	4	0	13	2	1	0
1	2	0	0	0	1	11	0	21	4	6	2	5	2	0	5	0	4	0	0
5	2	4	4	21	2	6	25	7	0	4	10	5	4	0	4	4	5	8	0
4	13	5	2	5	4	0	0	5	2	7	2	5	0	2	3	0	5	2	0
0	0	2	1	5	5	2	2	0	0	0	4	6	0	5	1	0	0	0	0

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RECORD 76, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTFGER)

2	0	3	1	13	54	4	18	2	6	1	1	4	7	22	2	54	15	0	1
0	5	0	5	2	0	12	2	32	5	6	3	2	8	8	18	11	25	11	4
2	3	0	1	5	2	2	4	2	2	3	3	0	0	0	1	2	2	5	11
4	8	0	0	4	2	2	5	0	0	0	2	10	0	2	5	1	7	0	2
0	0	0	0	2	0	2	0	0	0	0	2	2	2	2	0	0	2	1	0

RECORD 77, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	2	2	0	2	2	0	2	33	2	0	0	9	1	0	2	1	2	5
0	4	0	0	2	4	0	0	0	2	0	2	3	0	0	3	0	1	0	6
6	0	8	6	15	7	2	2	3	3	4	3	0	3	1	0	0	0	2	4
4	2	0	0	0	4	4	2	4	2	0	2	19	2	7	22	13	2	4	2
1	0	5	2	2	0	0	3	7	0	14	4	0	0	5	2	0	2	4	2

RECORD 78, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTFGER)

0	6	7	2	1	6	2	0	2	24	1	0	18	6	2	5	11	0	0	13
3	4	0	2	0	7	2	0	2	0	0	2	4	1	2	3	2	5	5	0
0	1	0	2	1	4	1	2	0	2	2	2	1	2	5	4	0	0	0	7
2	4	11	6	2	2	6	1	6	2	2	4	6	0	10	10	9	10	10	16
62	29	49	71	45	22	2	9	7	22	0	4	41	22	15	17	2	4	3	1

RECORD 79, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	5	0	5	0	3	8	2	1	4	5	9	11	6	11	9	2	12	4
4	0	0	2	2	2	1	0	2	2	0	1	2	0	2	0	2	8	0	4
0	9	2	2	2	0	4	0	2	0	0	2	2	1	2	3	0	7	4	4
0	2	6	0	0	2	9	2	5	1	3	1	0	0	0	0	0	0	2	2
2	0	0	2	0	5	2	0	4	5	7	8	17	50	4	0	2	4	1	5

RECORD 80, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	6	8	7	2	4	16	0	11	0	18	29	13	4	5	5	7	4	2
1	2	2	0	0	0	0	0	0	0	0	0	3	2	0	3	2	1	3	0
0	2	0	0	2	2	2	0	4	2	0	4	2	0	0	4	2	6	1	10
0	2	0	0	5	7	3	2	0	0	2	2	0	1	0	0	4	5	2	1
2	13	2	6	0	0	3	7	12	5	7	5	15	2	2	7	16	5	8	0

RECORD 81, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	0	2	2	0	0	2	7	0	0	2	0	2	0	0	2	0	2
0	0	0	0	0	2	0	0	0	2	3	0	5	0	0	0	0	2	0	0
0	2	2	0	0	4	0	2	0	0	0	0	0	3	0	0	0	2	0	0
0	2	0	2	2	0	1	0	6	8	4	2	3	4	9	19	6	1	2	0
0	3	2	0	0	1	0	0	0	1	2	4	0	2	2	0	2	8	6	11

RECORD 82, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	2	2	2	0	0	0	8	0	0	2	0	5	1	2	0	0	3
2	0	0	0	0	2	0	2	0	0	0	0	0	0	0	1	2	2	2	0
0	4	0	2	2	0	0	0	0	0	0	3	0	2	2	0	0	2	1	0
0	0	0	8	0	0	1	0	4	0	4	9	5	3	2	2	0	2	2	4
7	10	7	25	26	6	2	4	3	0	0	2	2	0	0	5	2	2	2	2

RECORD 83, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 06

THE PSD VALUES (INTEGER)

0	0	5	2	5	0	3	10	0	8	4	3	9	7	4	14	2	0	2	2
5	0	0	0	0	0	2	2	1	2	3	2	3	1	7	0	5	0	0	1
2	15	4	0	3	2	1	2	0	2	0	0	0	2	0	3	0	4	2	6
0	0	0	2	0	0	0	0	4	8	7	0	2	0	2	2	2	0	4	2
8	4	6	2	6	0	0	12	2	6	2	4	14	44	2	2	0	12	9	5

RECORD 84, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	4	10	13	4	0	4	17	2	13	0	16	32	17	7	13	8	0	1	4
2	0	2	0	0	6	2	0	3	4	0	1	5	8	0	0	2	7	4	2
3	0	6	5	2	2	0	0	0	5	0	4	2	1	1	0	0	3	1	10
5	0	2	2	2	0	4	2	0	4	0	2	11	0	5	2	4	3	5	2
4	10	6	0	7	7	6	1	9	2	3	4	24	7	6	1	1	6	4	0

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RECORD 85, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	2	3	0	3	2	3	4	4	7	2	17	14	6	5	0	5	8	11
3	4	6	2	2	5	4	3	9	9	3	0	3	7	14	2	4	2	1	0
2	6	0	4	14	7	2	3	6	4	2	9	2	4	3	1	0	4	0	4
3	10	2	2	5	4	3	31	8	3	0	2	0	4	3	4	4	11	2	0
0	2	5	10	2	5	0	0	2	5	0	2	7	6	2	5	3	4	1	8

RECORD 86, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	2	5	5	0	1	5	8	3	2	2	2	13	32	6	2	4	0	0	0
4	0	9	2	11	5	0	2	0	0	12	9	5	11	6	5	2	2	12	0
2	5	2	2	1	2	0	5	6	4	2	2	0	6	4	5	2	0	2	0
2	3	6	0	6	1	2	2	0	1	7	3	0	6	0	3	0	0	4	3
4	4	7	0	0	3	0	7	8	6	1	5	4	2	0	5	1	2	5	1

RECORD 87, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	4	0	2	4	4	10	0	0	14	3	21	4	18	9	0	2	4
2	2	3	0	2	2	2	4	1	2	5	3	4	2	5	2	2	0	1	7
0	6	2	0	1	4	0	3	2	0	0	2	2	0	4	0	0	2	2	2
0	1	0	0	2	2	2	0	0	0	2	1	0	2	0	2	3	0	1	1
0	0	0	2	4	2	5	3	0	0	0	2	2	0	1	2	0	2	0	2

RECORD 88, ITFM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	1	5	4	2	4	12	1	0	4	22	30	24	3	18	2	11	2	5
10	0	2	0	0	2	0	2	4	9	2	8	2	11	7	0	0	14	6	2
1	0	2	10	2	2	0	0	2	4	3	0	0	4	0	2	0	0	2	5
0	2	0	0	0	0	3	0	3	0	0	0	2	0	0	0	2	3	1	0
0	2	2	2	1	0	0	0	0	0	0	2	0	2	0	2	0	2	0	2

RECORD 89, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
2	2	0	0	0	2	0	2	0	0	1	3	0	10	4	9	2	2	9	2
6	3	0	0	2	4	0	0	0	2	5	1	0	7	2	4	6	7	2	6
0	10	0	0	0	8	7	12	5	9	11	18	10	10	0	3	2	2	0	2
0	2	8	0	4	2	31	41	25	6	8	16	43	27	8	0	2	2	14	7

RECORD 90, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	2	0	2	1	2	3	0	0	0	0	2	0	0	0	0	2
0	0	0	0	2	2	2	0	0	0	2	9	2	0	0	0	2	0	3	2
0	0	2	2	0	0	2	0	1	0	0	0	0	4	2	0	9	4	9	0
7	12	0	2	0	2	2	3	3	2	2	0	2	17	7	20	0	6	8	5
8	3	3	3	5	1	2	6	4	4	9	8	4	0	14	31	9	5	15	0

RECORD 91, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	1	0	2	0	0	0	2	0	3	4	3	7	5	3	0	0	0
0	2	0	2	2	2	0	4	2	2	3	0	0	0	8	0	11	0	0	4
0	0	0	5	2	2	0	2	4	0	3	25	10	12	5	2	19	9	0	0
17	0	2	2	1	7	10	4	0	8	4	10	2	4	0	4	2	22	1	14
6	11	2	11	3	1	0	2	5	2	5	4	4	1	0	7	15	7	11	5

RECORD 92, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

2	2	13	3	0	0	2	0	1	0	2	0	2	2	4	0	0	2	2	2
0	2	2	2	0	2	5	4	2	0	0	0	0	0	1	2	2	2	0	0
2	2	0	4	3	5	13	2	0	6	7	0	6	5	6	2	2	2	3	2
15	2	4	4	12	12	7	1	7	8	4	4	2	6	11	41	4	9	0	10
2	7	13	4	2	10	11	4	1	5	0	10	14	13	12	19	0	63	32	16

RECORD 93, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
0	2	2	4	2	2	2	1	3	12	5	5	9	2	3	0	0	0	0	0
7	0	0	0	2	0	4	2	0	0	0	2	13	0	12	10	1	4	0	13
2	14	7	7	2	3	3	2	3	4	3	0	0	7	3	4	10	4	12	28

RECORD 94, ITEM S T O 7 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 06

THE PSD VALUES (INTEGER)

0	0	2	2	0	0	0	2	0	5	0	6	4	0	1	0	2	3	0	4
0	4	2	0	3	16	6	2	11	6	4	0	4	5	2	6	6	8	3	3
6	11	2	7	8	3	2	12	7	4	4	2	0	6	2	8	0	4	2	0
5	11	12	15	4	0	2	5	4	0	2	4	4	10	9	2	10	0	0	3
5	0	7	20	19	5	3	9	9	6	24	2	3	0	2	5	11	4	2	4

RECORD 95, ITEM S T O 7 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	2	0	2	0	0	0	0	0	2	3	5	8	4	6	0	4	2
2	0	0	0	0	2	2	2	2	0	2	0	3	4	0	2	1	6	3	3
0	3	6	2	0	1	0	2	2	2	0	5	10	4	0	4	0	5	0	5
2	5	7	9	9	6	2	7	3	6	20	2	1	1	3	4	0	0	2	3
0	4	2	0	0	3	9	11	5	2	0	9	7	1	2	4	4	10	3	4

RECORD 96, ITEM S T O 7 8

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	2	10	1	0	0	2	0	2	0	2	2	0	2	4	0	4	0	3	2
4	3	0	0	0	2	3	0	2	0	0	2	1	0	2	2	2	11	3	3
2	2	2	1	8	7	4	2	2	4	0	0	0	0	4	0	9	5	4	7
7	1	2	10	2	6	0	5	0	4	11	19	9	9	0	2	3	2	6	8
4	2	7	5	0	10	0	0	6	2	6	5	0	3	14	9	4	6	2	1

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RECORD 97, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 3 1 5 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	1	0	0	0	2	1	2	9	0	7	2	0	6	3	4	4	12	19
4	5	2	1	2	0	0	5	11	12	2	4	11	9	12	13	12	16	22	14
7	0	4	2	7	0	0	2	3	4	2	0	4	2	0	2	2	5	1	9
2	0	0	4	9	7	7	3	6	1	20	24	11	5	7	2	0	0	7	0
2	0	2	0	0	0	5	1	1	2	3	2	5	0	9	5	13	12	44	6

RECORD 98, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 3 2 0 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

3	8	5	4	2	12	3	30	7	14	4	41	15	29	46	12	21	17	3	79
7	3	7	5	11	0	4	0	7	10	2	4	24	5	18	5	9	8	7	6
2	11	17	0	11	2	6	2	0	0	4	1	2	9	0	3	2	5	0	0
2	4	0	2	0	0	0	2	0	0	0	0	2	0	0	0	0	0	5	0
0	0	2	2	6	3	4	10	34	22	24	12	5	1	8	14	39	23	20	11

RECORD 99, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 3 2 2 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	0	4	13	0	10	8	4	19	10	56	95	69	254	121	70	3	28	75
4	4	8	0	2	8	5	7	4	11	7	3	5	10	14	0	5	22	3	8
14	23	49	5	6	4	7	4	2	0	2	0	5	5	2	2	2	2	2	4
5	0	0	0	0	0	2	0	1	2	2	5	2	2	3	0	0	0	0	4
1	2	3	5	4	0	1	2	2	2	0	0	2	0	2	2	2	2	0	6

RECORD 100, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 3 2 3 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	1	36	68	2	14	11	3	26	33	7	12	20	48	167	45	45	14	4	19
6	4	2	6	0	3	2	0	2	7	8	2	3	3	5	10	2	30	15	1
23	11	2	8	4	6	1	2	0	9	0	0	2	2	1	5	0	0	2	8
6	2	0	5	2	0	5	5	1	0	1	1	3	2	2	1	4	2	0	2
0	0	0	10	2	0	2	0	12	0	2	2	7	4	5	4	0	0	0	0

RECORD 1, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 2 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2
3	2	4	0	0	0	0	7	0	0	0	0	2	1	2	2	6	2	0
4	0	2	2	0	4	2	1	3	0	3	3	1	0	3	0	2	0	2
1	14	5	0	12	14	13	4	12	10	1	0	2	6	0	0	2	1	0
0	10	1	7	2	2	1	0	1	2	2	2	2	0	1	7	0	2	0

RECORD 2, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	5	0	3	0	3	3	0	0	3	4	2	1	2
0	2	0	0	0	2	3	0	2	0	5	0	3	2	2	2	26	18	2
4	7	22	16	5	10	9	3	14	2	12	0	3	13	2	5	4	9	25
17	6	10	50	12	15	8	11	18	23	13	2	8	4	7	11	2	5	21
2	3	7	5	0	3	7	0	22	0	5	2	2	3	6	0	0	4	3

RECORD 3, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	2	0	12	7	0	4	1	0	0	4	0	2	6	5	17	2
14	4	1	0	6	3	5	2	3	2	2	4	0	2	2	2	24	3	20
16	11	5	4	10	2	5	0	2	4	0	0	5	0	3	1	0	4	6
0	0	6	10	1	4	12	4	3	5	8	4	11	5	2	10	8	0	4
18	3	7	11	11	19	12	3	1	4	14	4	4	0	7	9	4	2	2

RECORD 4, ITEM A 4 0 0 1

FLIGHT 4 9 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	5	9	2	1	2	3	1	2	2	0	0	0	20	4	8	1
2	2	7	2	4	4	3	3	0	2	7	2	2	3	5	2	15	5	9	0
2	0	9	3	4	4	17	9	1	0	6	0	1	3	0	0	0	8	3	1
0	2	5	4	7	9	5	97	11	13	2	4	25	4	9	22	5	5	4	16
4	4	22	0	4	0	27	7	4	3	6	2	3	6	13	0	9	5	4	0

RECORD 5, ITEM A W 0 0 1

FLIGHT 4 3 , FRAME 1 3 5 9 5 9 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-01

THE PSD VALUES (INTEGER)

0	0	0	1	7	2	19	5	3	0	2	1	3	0	0	0	5	1	6	1
0	0	0	2	0	2	2	2	0	2	0	0	2	6	3	3	2	0	2	4
0	23	6	2	1	0	2	3	0	2	0	0	2	0	4	5	1	7	6	0
13	5	4	0	10	9	0	34	11	10	5	3	6	2	0	7	27	13	1	0
1	6	0	9	10	2	0	7	2	4	2	0	0	2	0	3	0	2	0	0

RECORD 6, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	5	2	2	0	0	0	0	0	0	0	0	2	1	0	3
0	4	0	2	0	2	0	5	0	2	0	2	2	0	2	4	0	6	2	4
4	1	3	3	7	2	0	2	4	3	7	4	0	0	0	2	0	2	4	2
0	0	2	0	2	5	0	5	1	2	2	2	15	4	2	0	10	11	0	0
0	12	4	5	7	4	1	0	2	7	5	5	3	0	1	6	0	0	2	0

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RECORD 7, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	2	3	17	5	0	2	4	0	0	2	0	2	0	5	0	3	0
2	5	0	2	2	0	2	8	3	0	3	0	7	5	1	10	2	2	13	5
5	4	1	0	5	13	16	2	2	0	2	2	2	5	5	0	1	2	3	2
7	1	1	9	18	17	5	0	31	7	4	4	15	14	4	11	4	36	11	6
4	2	3	7	2	7	0	3	15	0	4	10	11	2	2	4	0	13	2	2

RECORD 8, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	2	5	4	5	4	0	0	0	2	0	2	0	2	5	7	2
0	0	2	2	1	0	2	2	0	2	2	0	2	2	2	2	4	0	4	3
1	2	11	0	2	3	9	0	7	4	10	4	4	3	2	5	6	0	7	6
4	0	15	2	9	6	13	25	10	15	7	6	6	4	2	11	5	5	10	3
8	0	14	4	3	4	0	6	2	6	0	7	23	1	0	1	5	5	0	2

RECORD 9, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 5 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	2	6	2	0	0	0	2	0	0	0	0	4	2	0	2	4
4	3	0	2	0	6	5	8	0	2	4	5	2	0	4	4	0	2	14	7
25	6	2	8	7	2	9	10	7	2	3	3	6	0	1	6	0	4	5	7
0	2	0	22	2	2	13	7	6	2	11	23	26	22	8	0	13	10	10	18
18	7	22	23	0	27	16	6	12	2	6	7	0	7	9	0	0	5	1	2

RECORD 10, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	4	8	2	0	2	4	0	0	2	0	2	24	8	4	7
0	10	2	3	0	0	9	0	6	2	0	0	0	4	2	7	10	13	9	7
6	0	10	3	0	12	9	4	7	7	6	0	0	8	8	10	10	2	4	2
7	5	10	12	3	6	5	10	49	83	29	53	43	38	25	4	70	14	8	24
7	5	6	4	6	2	0	7	6	8	9	5	14	4	0	2	0	2	4	0

RECORD 11, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.7570E-04

THE PSD VALUES (INTEGER)

2	0	2	0	2	0	2	2	4	0	2	0	2	0	2	0	2	0	4	0
2	0	2	0	2	0	3	4	5	0	2	2	2	0	3	1	0	4	12	8
10	14	46	131	6	11	196	89	28	37	14	13	6	35	14	24	0	11	7	4
2	9	7	1	0	4	0	0	0	0	4	0	0	0	0	2	2	4	4	0
0	1	6	7	0	0	2	0	0	0	2	0	0	0	4	2	7	6	0	2

RECORD 12, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1033E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2	2	2	7
4	35	17	41	13	34	109	88	78	24	13	10	12	5	2	4	1	5	4	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
0	0	2	0	0	0	0	0	0	0	0	0	2	0	3	0	8	0	4	0

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RECORD 13, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	9	0	15	0
13	9	18	28	15	48	0	17	187	104	19	54	56	6	3	12	4	1	1	3
0	2	11	1	2	0	2	0	0	2	0	0	2	5	0	5	2	3	2	2
4	0	0	4	0	2	2	0	2	4	2	2	7	0	0	14	1	0	7	4

RECORD 14, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	0	0	5	0	0	0	2	0	2	0	2	2	4
0	2	0	2	0	0	2	9	0	2	0	3	20	4	4	18	12	2	2	2
11	81	49	21	26	6	50	52	191	102	21	94	63	3	2	48	2	5	6	2
5	3	2	2	2	0	2	0	0	0	2	2	2	0	0	5	0	2	4	2
0	5	2	0	0	2	5	2	2	2	6	3	3	0	4	0	0	0	3	3

RECORD 15, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
0	0	9	10	1	14	24	27	12	36	25	13	17	4	4	0	0	2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	2	0	2	0	0	2	0	4	5	1	0	3	2

RECORD 16, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

2	0	2	0	2	0	2	2	3	0	2	0	0	0	2	0	1	2	4	0
4	0	4	0	2	0	5	7	8	2	5	2	3	2	3	2	0	4	17	5
10	14	27	124	8	15	132	74	23	46	9	11	6	55	15	22	5	26	4	8
2	2	5	7	2	6	2	0	4	2	11	0	5	4	5	9	12	15	5	4
15	6	23	25	0	9	0	10	6	5	13	0	14	5	18	13	8	5	5	3

RECORD 17, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	8
4	30	19	37	11	30	94	67	73	17	12	6	12	3	2	6	4	5	4	0
0	0	2	0	0	0	2	1	0	4	4	5	0	9	1	3	6	3	2	4
1	4	3	2	0	2	0	2	0	0	0	2	3	2	4	0	11	2	7	0

RECORD 18, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	2	0	0	0	2	0	3	0	0	0	0	0	2	0	2	2	0
0	0	0	0	0	0	0	0	0	2	2	2	0	2	0	8	0	11	0	0
17	8	13	22	13	39	0	15	179	79	13	49	56	7	8	10	2	4	3	0
0	2	4	20	13	7	5	15	6	5	0	2	2	15	7	10	2	8	2	7
12	0	2	13	2	3	1	0	1	2	1	0	12	0	14	25	1	0	13	10

RECORD 19, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	2	2	0	5	0	0	0	2	2	0	2	0	4	2
0	2	0	0	0	2	4	8	2	0	0	5	21	5	4	18	15	4	2	0
7	70	36	33	24	2	52	44	141	109	32	85	41	14	4	33	4	0	2	0
6	4	0	4	0	0	2	2	3	0	6	5	6	9	5	16	4	6	8	0
0	31	0	2	0	5	10	2	0	7	14	27	15	3	14	5	0	0	4	4

RECORD 20, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	11	12	2	14	19	24	12	33	22	11	15	2	2	0	0	0	0	0
0	0	0	0	2	0	2	0	0	0	4	4	0	0	0	0	0	0	4	0
0	0	2	2	0	2	0	0	2	2	3	0	2	0	1	8	5	2	5	3

RECORD 21, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1037E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	3	4	5	7	19	15	2	0	2	0	0	0	5	4	1
1	2	2	3	2	0	2	6	0	8	2	3	1	2	0	0	2	5	1	0
2	0	2	5	7	2	11	2	10	7	19	8	9	7	18	49	27	45	30	55
40	12	2	28	11	7	2	2	19	12	28	4	18	7	0	13	14	10	27	3
2	20	40	40	0	8	0	4	3	16	32	8	5	3	8	0	29	5	12	13

RECORD 22, ITEM A 9 0 2 0

FLIGHT 4 9 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	2	0	2	7	0	1	0	0	0	4	0	2	2	0
2	0	0	2	2	1	2	6	3	0	0	0	0	3	0	2	4	2	2	1
4	3	1	3	8	2	4	3	2	0	0	2	4	4	11	2	7	25	23	6
11	2	3	2	3	7	7	4	31	7	5	2	7	4	3	2	9	13	0	0
2	2	7	4	14	2	2	1	3	3	0	2	7	3	0	4	7	2	0	0

RECORD 23, ITEM A 8 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	3	4	6	0	2	0	2	0	4	0	0	4	2
2	0	0	4	0	2	0	2	0	0	1	0	0	0	2	0	0	2	3	0
2	0	2	2	2	0	0	2	1	2	3	0	0	10	1	14	14	5	8	3
5	28	28	14	18	8	31	2	24	8	9	4	4	2	2	19	7	2	11	3
13	1	3	5	1	1	2	4	4	0	5	0	3	11	10	4	2	2	7	12

RECORD 24, ITEM A 9 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	4	0	2	0	0	0	9	4	2	0	0	0	0	4	0	0
2	0	0	0	0	0	0	5	0	0	0	3	0	0	0	0	0	0	0	2
2	0	1	3	2	0	0	4	2	2	2	4	2	0	4	7	2	10	2	11
15	1	0	8	4	10	6	43	10	2	2	0	23	6	12	4	7	4	9	7
2	8	6	9	3	0	3	4	0	2	5	3	4	2	7	0	6	5	0	7

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RECORD 25, ITEM A 3 0 2 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 3 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	0	2	5	4	2	2	0	0	0	2	0	0	0
1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	1	0	0	2	2	4	0	2	2	2	2	0	0	1	1	0	4	8
3	0	0	5	22	5	12	2	3	2	0	0	5	4	4	3	2	5	7	2
4	0	0	0	2	3	2	0	0	0	2	0	2	2	4	2	2	0	6	3

RECORD 26, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

1	2	3	0	2	3	4	0	0	4	4	0	0	1	12	2	8	5	11	2
4	4	12	9	6	4	0	5	17	23	4	4	2	2	4	5	4	4	4	4
5	4	4	0	1	3	7	9	3	0	16	0	0	2	0	0	0	2	2	0
2	2	0	1	2	0	1	5	12	7	1	0	6	2	3	0	6	2	4	14
5	0	0	0	2	2	1	0	0	4	0	0	2	2	2	4	0	0	4	2

RECORD 27, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	6	0	3	2	2	2	0	2	2	8	0	14	6	23	17
2	0	22	13	26	3	2	10	10	0	10	5	5	3	0	7	12	18	19	4
9	13	0	0	10	22	1	8	4	2	2	0	5	0	2	2	0	3	2	4
0	0	2	4	8	0	1	2	11	4	0	4	2	2	2	2	0	3	0	2
1	1	4	4	2	2	2	0	0	4	2	0	4	2	0	6	0	2	1	0

RECORD 28, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	6	3	0	2	0	12	2	10	0	2	0	3	16	12	11	37	3	2
2	1	4	7	4	3	0	5	0	0	6	8	11	4	2	9	2	23	4	2
7	2	0	3	2	6	0	1	2	0	0	0	0	0	2	0	0	2	0	0
2	0	2	0	2	0	0	10	4	5	2	0	4	4	4	2	2	1	2	2
2	0	4	0	3	2	0	2	0	4	2	4	0	0	5	2	0	0	1	0

RECORD 29, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	1	4	0	3	4	6	2	8	2	2	0	0	10	8	36	0	41	5
2	2	9	3	0	0	2	10	4	0	9	30	23	7	1	2	0	6	3	9
8	11	11	4	5	10	3	0	7	4	6	2	1	5	4	0	4	0	2	0
0	1	2	5	3	4	2	3	7	0	4	1	2	3	2	0	2	0	0	3
1	2	0	2	0	0	0	1	2	2	0	1	0	3	0	1	0	4	0	5

RECORD 30, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 9 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	2	2	2	5	0	0	2	0	2	0	4	0	0	9	14	16	8
2	4	2	5	6	0	2	4	2	0	2	4	0	0	2	0	0	3	7	3
0	9	4	3	0	0	2	3	8	4	0	2	5	2	2	0	0	0	0	0
3	0	1	2	10	12	4	11	3	4	0	2	1	4	5	0	0	0	2	1
1	2	2	0	1	0	0	0	2	0	2	0	0	2	1	0	0	2	2	4

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RECORD 31, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1770E-05

THE PSD VALUES (INTEGER)

0	0	0	4	2	5	8	14	10	1	7	7	0	0	7	0	2	3	22	3
5	4	0	0	2	7	4	13	10	78	28	6	23	1	3	1	2	19	7	3
7	2	5	8	8	6	16	9	14	38	17	6	11	0	7	2	2	2	4	1
12	8	3	4	3	0	7	8	5	0	5	0	9	4	2	5	7	13	6	5
14	2	6	4	3	2	13	0	3	0	7	2	2	0	12	30	12	28	7	26

RECORD 32, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	2	0	0	2	10	13	3	4	70	0	7	0	0	2	8	5	9	12	18
4	2	7	6	17	5	5	33	59	0	4	18	2	4	2	25	18	40	14	3
2	4	5	6	25	7	3	32	8	1	3	2	0	0	2	7	8	7	4	3
4	0	6	10	13	5	19	3	5	19	2	12	4	10	10	9	11	10	4	4
2	2	5	1	2	3	15	2	6	17	2	0	5	0	1	4	20	9	20	11

RECORD 33, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1770E-05

THE PSD VALUES (INTEGER)

0	0	0	6	0	3	4	2	13	12	10	8	1	0	0	9	5	10	44	11
2	6	4	5	0	7	4	11	14	0	13	10	24	6	16	16	4	6	5	6
5	8	7	14	11	35	9	3	5	5	10	2	4	4	0	4	2	2	4	7
17	2	5	7	17	4	5	10	25	9	23	19	9	11	4	0	2	11	11	8
6	6	3	5	0	5	5	7	2	10	41	0	13	10	9	9	6	11	16	18

RECORD 34, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 5 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	2	0	0	2	6	3	0	3	19	24	2	0	2	3	26	14	18	26	14
4	4	0	0	2	5	7	23	12	9	9	27	14	41	18	0	3	0	4	9
21	2	16	8	29	6	7	16	0	2	2	2	0	3	0	21	1	13	15	6
2	18	0	1	5	11	4	7	24	3	0	1	3	4	10	9	4	5	4	9
8	2	14	13	0	14	1	12	2	2	0	7	7	38	0	9	17	2	2	16

RECORD 35, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	2	0	0	0	0	2	3	9	3	0	0	0	0	2	4	2	0	3
0	0	0	0	0	2	4	6	6	1	0	0	2	0	4	1	1	2	1	4
3	7	2	4	6	2	4	10	3	2	3	5	4	5	4	0	0	0	0	0
8	0	1	2	5	3	3	2	2	0	4	5	5	4	1	1	0	2	0	2
2	1	2	0	2	1	0	2	2	0	0	0	2	4	0	5	6	2	4	2

RECORD 36, ITEM C W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	9	7	5	52	42	14	8	20	7	7	9	8	11	7	24	11	3	23
2	3	0	2	16	6	0	4	10	10	5	5	24	0	0	5	2	0	2	2
1	0	12	2	1	4	4	4	6	34	0	4	0	7	0	11	2	13	8	19
2	11	11	3	0	0	2	7	0	4	5	4	10	0	4	4	0	3	5	7
1	2	3	1	0	0	7	0	0	5	3	2	0	0	0	0	2	0	0	0

RECORD 37, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	5	0	22	30	238	30	24	22	21	2	2	12	33	7	3	25	9	4	25
2	0	2	3	0	5	5	14	3	0	4	19	39	0	0	6	10	6	7	2
2	10	0	0	2	7	2	8	10	6	2	5	1	0	2	10	5	15	5	7
4	9	0	3	4	0	3	5	16	15	3	2	0	7	0	0	9	8	10	6
0	4	7	12	2	2	1	7	0	0	0	2	5	2	5	6	0	4	2	5

RECORD 33, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

1	2	7	9	17	43	18	91	31	20	3	21	0	21	31	23	16	20	9	19
3	4	3	5	4	5	5	7	3	6	12	0	59	3	2	3	0	5	2	25
4	0	4	2	2	3	0	0	9	16	4	0	1	4	9	0	12	4	16	15
0	4	1	6	3	0	24	5	3	6	2	2	8	0	2	3	8	9	0	0
0	2	0	3	5	2	2	0	0	3	0	2	2	0	2	2	2	2	2	2

RECORD 39, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	5	21	2	54	75	49	22	10	31	38	3	30	28	18	6	10	5	11	29
9	2	0	2	3	0	12	40	7	7	12	23	48	5	16	6	2	6	1	14
10	3	8	6	6	5	0	0	13	23	7	2	8	13	2	4	0	4	0	16
7	2	3	6	1	0	23	4	2	2	13	5	15	14	2	11	14	7	9	11
2	1	0	9	0	20	10	10	20	5	7	0	3	8	3	0	13	6	5	2

RECORD 40, ITEM S U 1 2 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 9 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 07

THE PSD VALUES (INTEGER)

2	5	7	27	25	41	101	25	21	27	1	7	12	2	7	21	234	25	34	32
6	6	4	3	17	0	4	11	14	24	8	9	30	2	8	0	1	4	2	6
12	9	0	6	14	10	6	5	0	15	5	5	7	12	8	1	6	6	1	25
8	12	1	2	3	0	13	6	6	9	9	2	1	9	23	0	2	5	8	8
3	0	7	9	7	2	2	2	2	0	1	4	1	0	6	0	5	6	0	9

RECORD 41, ITEM S U 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	2	0	7	5	58	37	25	4	1	4	0	4	0	0	0	4	0	2	16
5	0	0	2	9	3	0	2	5	7	0	6	16	0	3	7	8	7	17	25
21	25	22	7	10	16	22	37	72	99	59	72	86	116	88	17	115	193	126	109
11	0	0	0	6	5	0	2	0	0	1	2	4	2	7	0	2	1	4	0
0	2	0	3	0	1	3	0	0	0	2	0	1	0	0	0	0	2	2	11

RECORD 42, ITEM S U 1 2 4

FLIGHT 4 3 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	5	2	34	124	369	37	13	32	14	5	0	7	4	20	7	3	12	22	17
4	7	19	15	0	24	23	16	13	19	8	13	15	1	4	7	2	4	1	2
1	12	5	5	1	2	4	4	3	3	5	2	2	3	2	1	4	5	0	5
4	7	0	5	4	5	4	0	3	2	2	3	1	0	6	2	0	2	0	0
0	0	0	4	0	0	4	0	0	0	0	0	0	0	2	3	2	0	0	2

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RECORD 43, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

3	4	4	7	32	56	19	72	50	10	2	7	13	0	7	13	3	6	3	26
5	14	7	7	28	4	13	31	32	27	13	9	13	9	1	0	0	2	2	0
0	2	1	2	0	0	0	0	2	2	0	0	2	0	0	0	1	2	2	9
0	0	2	3	0	2	5	0	0	2	2	0	2	2	7	0	4	2	4	0
0	0	5	2	0	0	2	0	2	2	0	0	0	0	0	0	0	0	2	6

RECORD 44, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	2	2	6	12	21	7	6	5	4	5	0	2	0	0	0	2	0	0	7
0	0	0	0	2	2	2	3	0	0	0	0	4	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0
4	2	0	2	1	0	3	0	5	3	12	16	17	21	39	37	106	115	25	17
20	15	6	9	21	56	72	83	70	26	20	14	24	16	0	28	64	64	13	19

RECORD 45, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	5	12	22	6	64	120	34	9	26	7	5	5	0	4	0	16	0	2	8
7	0	0	3	31	11	4	2	10	17	5	7	12	40	20	0	2	3	1	2
4	7	2	1	2	6	3	3	2	1	2	0	0	3	0	2	0	4	3	4
5	0	2	0	3	2	4	5	0	0	7	2	0	1	7	0	0	2	2	0
0	0	0	0	0	2	4	0	0	0	0	0	0	2	0	5	2	4	1	0

RECORD 46, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	0	2	2	4	0	0	2	0	0	0	0	2	5
5	2	3	5	2	15	2	26	1	6	4	3	3	4	2	7	0	6	4	4
5	2	0	5	5	0	0	6	8	9	10	11	3	7	8	2	8	11	15	4
0	2	2	0	0	0	2	0	0	2	0	0	1	0	2	0	0	0	2	0
0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	2

RECORD 47, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	2	2	0	0	1	3	0	2	2	1	3	5	2	7	0	2	4
3	0	2	4	9	2	22	22	0	2	3	4	0	8	4	2	2	3	6	3
4	3	0	0	2	2	3	4	5	0	0	0	0	2	0	0	0	0	2	3
0	0	0	0	0	0	4	0	0	2	0	0	0	0	2	0	0	2	0	0
2	2	2	0	0	0	2	0	0	2	0	0	2	0	0	0	0	0	0	2

RECORD 48, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	2	2	2	0	6	4	4	2	0	0	2	2	3	4	2	3	0
0	2	0	3	0	3	0	11	1	0	5	3	5	0	0	0	4	2	0	1
0	0	3	2	0	2	2	0	4	0	0	2	2	2	0	0	0	0	2	8
0	0	2	0	0	0	5	4	2	2	0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	0	0	0	4	0	2	2	0	2	2	0	0	4

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RECORD 49, ITEM S W 1 2 5

FLIGHT 4 9 , FRAME 1 3 5 9 5 6 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	3	5	4	0	1	3	4	5	2	3	2	4	4	1	4	0	10
0	2	0	3	4	14	22	45	0	0	7	7	4	2	7	0	0	0	1	0
7	2	2	5	4	0	3	5	2	0	0	2	4	2	0	0	2	0	0	1
0	0	0	3	0	2	2	4	5	5	4	3	8	4	18	23	35	19	13	7
4	2	4	13	5	4	3	8	13	13	7	7	2	7	12	4	17	20	19	9

RECORD 50, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	2	3	8	2	4	0	0	7	2	1	0	2	0	0	12	5	0	5
2	6	5	4	4	7	17	3	10	5	3	2	4	0	6	2	6	0	1	2
0	0	3	0	0	2	2	0	0	6	1	2	0	2	2	2	0	2	0	2
2	0	1	0	0	1	2	2	0	6	5	3	1	4	0	0	0	0	2	0
0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0

RECORD 51, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	13	14	8	59	66	28	4	13	11	0	7	7	0	0	4	0	0	14
5	3	4	0	5	1	7	2	7	23	0	5	6	0	2	14	0	13	1	2
4	11	7	5	16	4	4	2	5	2	2	4	5	7	5	0	0	0	2	3
0	2	0	2	4	5	20	13	4	16	0	1	0	0	5	1	3	7	12	0
0	5	2	4	4	2	0	0	0	5	0	2	0	0	1	9	0	2	0	9

RECORD 52, ITEM S W 1 2 6

FLIGHT 4 3 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	2	2	15	39	140	14	4	5	2	2	0	6	1	2	0	0	2	0	2
0	2	0	0	0	3	0	4	2	2	6	2	0	7	3	15	4	5	2	8
0	4	2	4	4	3	2	1	2	3	0	1	0	3	0	4	0	0	2	1
1	0	2	2	2	4	7	1	7	4	0	4	1	0	3	0	4	4	0	0
0	3	1	0	0	0	0	0	0	2	2	0	4	0	0	2	0	2	0	2

RECORD 53, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

5	5	12	5	53	74	44	116	54	24	2	12	6	6	8	12	1	5	2	7
9	0	5	2	2	4	9	2	9	2	10	3	7	0	5	8	2	15	4	10
4	10	6	5	2	0	7	9	0	13	2	4	4	0	9	3	3	6	3	20
2	5	0	2	0	7	20	11	6	0	13	6	10	4	11	7	11	2	4	3
4	6	4	0	0	4	0	6	3	8	4	3	0	5	0	4	5	6	4	10

RECORD 54, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 9 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	4	4	14	26	4	4	6	6	2	2	5	3	0	2	0	0	2	1
2	0	2	0	0	3	2	22	4	2	2	6	7	6	6	6	2	6	2	4
3	5	0	2	0	5	0	0	0	2	2	1	2	2	0	2	3	2	0	3
5	2	0	0	3	0	0	0	1	0	8	1	5	7	1	2	2	1	9	8
12	14	10	2	18	24	21	11	13	11	8	3	7	2	11	21	66	89	43	26

RECORD 55, ITEM S V 1 2 6

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1730E 03

THE PSD VALUES (INTEGER)

2	3	5	0	2	37	41	4	4	2	5	2	1	6	2	2	3	2	0	7
7	0	6	0	5	3	3	4	2	0	2	2	23	13	4	3	2	2	1	3
4	5	2	11	0	0	2	0	0	4	2	3	4	5	4	0	4	0	1	0
7	1	2	5	2	3	13	4	7	1	1	2	2	2	4	0	0	4	2	3
0	1	3	2	0	0	2	2	4	0	3	2	0	2	1	3	0	4	0	0

RECORD 56, ITEM S V 1 2 7

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	2	12	7	7	88	59	24	6	19	6	6	7	0	6	6	2	11	3	26
5	0	4	3	7	2	7	2	3	2	0	4	8	4	0	2	2	2	2	4
2	0	4	5	0	2	22	2	2	0	7	2	2	12	6	4	7	11	4	2
14	5	3	0	0	5	18	2	5	4	2	2	5	0	2	4	2	0	2	5
2	4	6	2	9	4	2	2	0	4	2	2	7	4	0	4	2	2	0	0

RECORD 57, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	1	2	23	51	159	25	4	10	0	0	2	0	2	2	0	5	0	2	6
0	2	2	0	0	0	0	0	2	2	2	0	0	0	2	4	2	1	2	0
0	0	0	1	2	2	2	0	0	9	1	0	0	2	2	0	2	0	0	2
2	0	2	0	0	0	6	2	2	2	0	0	1	1	2	3	4	10	8	2
2	4	9	9	2	4	0	1	2	4	5	7	4	0	0	4	3	10	3	6

RECORD 59, ITEMS W 1 2 7

FLIGHT 4 8, FRAME 1 3 5 9 5 4 . 3 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	2	7	2	11	17	8	22	12	15	1	5	4	3	7	2	2	2	5	3
2	0	2	0	0	3	2	2	2	0	2	2	8	5	4	10	3	4	3	2
11	29	1	1	3	0	2	0	5	12	6	1	14	29	39	29	18	6	4	5
2	0	2	13	8	0	9	13	1	8	2	6	24	14	17	14	14	18	8	7
3	0	0	2	1	1	2	5	4	6	8	9	7	6	9	2	4	3	7	2

RECORD 59, ITEMS W 1 2 7

FLIGHT 4 9, FRAME 1 3 5 9 5 6 . 8 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 07

THE PSD VALUES (INTEGER)

0	3	6	19	52	103	19	29	39	10	26	11	20	2	6	22	3	12	9	16
44	5	2	3	19	11	11	4	14	0	0	5	30	2	0	2	6	5	8	0
3	7	0	5	0	4	1	3	1	4	0	0	2	9	3	0	7	4	2	5
4	4	0	0	3	2	13	9	4	7	0	15	22	9	10	5	2	1	4	5
0	5	2	4	2	0	0	0	2	2	2	2	3	0	0	0	2	1	2	4

RECORD 60, ITEMS W 1 2 7

FLIGHT 4 8, FRAME 1 3 5 9 5 3 . 5 5, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

2	3	10	18	7	27	56	9	2	0	6	4	3	1	2	2	31	4	1	10
0	3	2	2	0	0	0	0	2	0	0	0	1	2	0	0	0	2	2	0
0	2	0	2	0	2	4	0	0	6	0	2	0	4	0	0	0	2	0	5
4	1	10	5	1	1	7	5	3	2	10	2	7	22	12	6	22	87	16	140
47	42	17	153	87	35	54	6	5	39	60	4	15	2	12	3	1	8	22	16

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RECORD 61, ITEMS W 1 2 8

FLIGHT 4 9, FRAME 1 3 5 9 5 1 . 7 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	4	6	4	3	4	4	2	4	9	2	0	1	0	2	2	2	6	17
9	7	4	8	1	29	8	49	6	15	2	2	13	4	0	18	2	19	9	8
14	0	4	11	24	3	8	6	12	8	14	2	1	3	0	0	6	2	13	3
7	10	10	5	3	1	6	6	2	4	0	0	10	0	3	0	2	0	4	0
2	2	4	0	2	2	0	0	2	2	2	2	2	1	0	5	3	0	2	5

RECORD 62, ITEMS W 1 2 8

FLIGHT 4 8, FRAME 1 3 5 9 5 2 . 7 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	2	2	6	50	38	5	2	0	9	4	9	8	4	5	5	1	1	5	19
8	13	2	23	38	11	35	86	12	0	22	5	24	16	21	29	15	3	45	16
7	21	2	0	14	21	21	6	14	2	2	5	4	7	9	2	4	5	7	2
5	0	0	10	2	7	3	5	8	0	4	0	2	2	3	5	0	2	1	2
2	0	0	2	0	0	0	0	8	2	2	1	0	0	0	0	0	0	2	2

RECORD 63, ITEMS W 1 2 8

FLIGHT 4 8, FRAME 1 3 5 9 5 4 . 3 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	2	7	9	5	16	5	0	3	10	3	0	4	3	2	6	1	2	8	2
4	0	8	4	0	13	13	10	5	2	2	2	7	4	3	2	5	5	7	18
0	2	10	16	3	0	14	5	4	6	1	8	5	1	2	10	2	2	5	17
1	9	6	2	3	17	4	16	10	16	2	4	1	2	0	0	0	3	1	2
0	2	0	0	0	4	0	3	0	0	4	4	7	2	0	0	2	2	0	0

RECORD 64, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030F 05

THE PSD VALUES (INTEGER)

7	0	4	32	19	7	5	0	6	24	2	4	9	2	7	11	2	4	2	28
2	9	0	3	10	30	48	89	5	5	12	10	14	2	0	2	2	9	8	8
24	7	14	13	6	3	7	19	11	7	7	9	16	8	0	6	6	2	5	7
2	1	2	19	4	4	12	6	12	2	9	7	5	3	2	0	2	5	2	0
6	0	2	2	3	3	0	0	2	0	4	0	0	2	2	0	2	2	0	10

RECORD 65, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 9 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030F 05

THE PSD VALUES (INTEGER)

3	2	8	27	11	37	9	15	6	26	0	6	2	2	2	7	19	14	0	20
2	23	8	11	7	19	48	6	24	5	1	9	10	16	3	10	53	3	15	4
6	7	19	5	0	7	7	0	8	18	9	5	0	18	21	6	5	2	0	3
3	4	21	9	3	3	9	10	33	51	38	17	7	23	7	7	7	6	7	2
2	1	0	0	5	2	0	2	0	0	0	0	3	0	6	2	2	0	7	3

RECORD 66, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 02

THE PSD VALUES (INTEGER)

0	0	5	2	1	47	26	17	0	3	5	2	1	2	2	4	4	11	0	4
4	2	2	0	0	0	0	8	0	2	0	0	0	2	4	2	2	2	0	0
0	0	2	2	2	0	0	5	3	1	3	2	0	2	0	4	0	4	1	6
0	0	1	1	5	4	7	3	2	0	0	0	3	0	2	2	2	0	0	0
1	0	2	5	2	5	7	2	2	0	4	0	2	1	0	4	0	0	1	0

RECORD 70, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

5	8	23	34	2	65	111	10	3	2	14	8	10	2	2	5	93	13	9	9
0	6	2	2	0	0	4	3	3	3	2	0	0	0	0	0	6	2	2	0
7	11	4	0	2	2	5	2	1	4	3	4	2	6	11	0	0	2	0	10
7	10	30	11	0	8	23	9	33	25	10	11	15	4	5	2	3	3	2	0
0	2	4	4	2	2	0	2	0	2	2	2	6	2	2	1	2	2	2	5

RECORD 71, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	7	4	6	90	37	32	4	3	13	12	2	2	7	8	9	34	2	13
3	6	2	2	2	8	3	14	13	2	2	10	10	2	3	3	0	1	2	0
0	0	3	4	3	2	2	7	4	4	3	0	1	0	2	0	0	0	0	2
0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	5	0	19	2	4
0	2	0	4	0	0	0	1	0	0	1	1	2	0	0	0	0	0	0	2

RECORD 72, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

4	8	11	110	213	656	91	0	28	11	4	6	9	26	11	7	65	1	19	15
2	8	0	6	0	2	4	13	11	2	5	9	5	21	4	20	16	0	0	2
2	5	2	4	0	0	1	5	2	2	0	0	2	0	4	3	0	0	0	2
2	0	2	2	3	2	3	0	4	4	2	0	0	3	0	2	2	9	3	3
0	7	6	1	2	4	0	8	3	4	9	0	2	0	7	0	3	4	3	4

RECORD 47, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

2	5	6	49	112	345	45	2	8	2	0	1	2	4	2	0	11	0	4	8
2	3	2	0	4	0	0	0	0	3	0	1	0	3	1	6	5	2	1	3
2	2	4	0	0	4	12	0	2	9	0	2	0	7	8	2	0	2	2	2
4	1	2	5	1	5	4	2	20	2	4	4	3	5	3	3	2	3	3	0
0	0	4	2	2	0	0	4	3	0	0	1	2	6	0	6	3	4	4	2

RECORD 68, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

5	5	15	4	27	45	26	53	15	17	2	3	7	5	11	6	2	9	8	3
2	0	2	0	0	2	0	0	2	4	0	0	2	2	0	4	8	4	2	5
0	0	8	2	2	3	6	3	11	5	1	4	3	1	6	5	5	0	5	2
1	0	14	5	2	10	7	12	2	7	3	2	3	2	0	0	5	0	2	1
0	0	0	0	0	0	2	2	0	4	0	3	3	0	0	1	0	2	0	3

RECORD 69, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	2	15	28	51	4	0	3	10	10	0	2	6	3	1	5	0	4	13
7	2	2	0	0	4	0	8	3	0	2	12	10	0	2	9	3	0	1	6
9	0	2	4	7	2	4	2	1	7	0	0	10	17	2	4	10	3	0	28
9	0	5	25	5	5	4	2	9	0	4	5	4	1	1	2	4	2	0	2
0	0	2	5	0	2	2	0	3	0	0	0	0	3	2	0	0	2	2	2

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RECORD 73, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100F 05

THE PSD VALUES (INTEGER)

8	12	22	9	54	80	51	101	22	31	8	7	18	25	52	28	13	36	27	4
0	0	2	1	2	7	1	1	5	14	4	2	26	2	8	7	5	4	0	2
7	16	6	18	0	0	4	1	2	11	9	3	10	14	16	9	6	3	2	0
2	2	0	2	0	1	4	7	11	3	2	4	12	15	7	13	3	14	7	3
0	0	0	2	0	3	4	0	5	2	1	5	6	0	4	0	5	0	7	0

RECORD 74, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100F 05

THE PSD VALUES (INTEGER)

0	1	2	40	75	119	21	7	10	12	29	5	10	65	7	3	44	10	23	36
1	0	2	4	7	4	25	60	0	4	13	12	10	4	13	12	2	0	4	3
7	1	2	4	13	2	2	6	0	1	0	2	0	7	0	3	1	0	0	2
1	0	1	3	4	4	0	0	0	3	2	2	2	3	2	0	0	2	0	2
2	0	4	6	4	8	0	3	2	0	4	0	0	0	0	0	2	2	1	12

RECORD 75, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	3	9	18	0	24	43	5	2	0	4	5	4	0	4	2	74	7	7	3
0	3	0	2	0	2	2	0	3	2	0	2	2	0	0	0	0	0	2	0
0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	4	6	4	13
5	4	2	9	3	4	2	0	0	4	5	0	0	0	0	0	0	2	1	0

RECORD 76, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

7	0	5	5	5	13	9	5	0	5	12	0	0	10	9	3	2	3	5	8
16	4	8	6	0	24	5	26	0	14	0	4	10	5	2	15	3	20	9	4
17	7	4	12	13	4	2	5	11	2	10	4	0	0	0	5	0	0	8	0
2	2	4	0	2	2	3	6	2	4	0	0	2	4	0	2	0	4	3	0
2	5	7	2	0	7	2	0	2	7	3	3	0	0	0	2	0	0	0	2

RECORD 77, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	4	2	15	70	61	10	3	2	4	3	4	6	4	10	4	2	2	3	20
7	8	5	16	28	6	31	37	10	0	17	4	15	10	19	20	10	3	59	11
11	33	12	7	10	24	20	15	0	10	0	5	2	12	4	0	4	4	0	3
6	2	1	10	1	8	7	2	13	0	4	5	9	0	5	2	3	2	0	0
0	1	7	4	0	0	0	2	2	7	2	4	2	0	7	0	0	0	0	0

RECORD 78, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 0 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	1	6	0	3	12	9	7	3	6	2	0	2	7	11	5	5	2	5	0
4	0	11	3	4	14	9	7	7	2	3	2	4	2	8	0	5	0	5	12
0	13	17	7	3	4	6	2	17	7	0	2	0	14	5	4	4	1	2	0
0	2	2	2	7	2	4	0	0	9	1	2	3	2	2	1	5	11	4	2
0	1	1	3	0	1	2	1	3	0	1	2	0	2	1	0	5	0	2	2

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RECORD 79, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	4	27	17	10	5	5	4	8	11	7	14	5	7	11	4	2	2	13
3	7	2	8	15	19	24	68	3	5	8	21	13	0	1	7	4	3	23	3
40	2	6	10	4	6	10	15	16	8	4	10	0	5	0	11	2	0	4	0
2	3	0	9	3	0	4	0	5	0	4	9	7	9	3	2	2	3	2	2
1	2	0	5	2	4	0	0	0	0	1	1	0	3	0	2	0	0	2	0

RECORD 80, ITEM S W 1 2 1

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

3	2	8	17	3	26	5	6	0	9	2	2	0	0	2	4	16	2	0	3
0	9	1	1	7	8	15	1	4	4	5	4	8	5	2	6	18	15	11	5
3	0	15	9	1	7	10	2	9	4	5	0	0	3	4	2	4	0	5	4
3	2	10	10	7	2	8	6	15	32	9	9	20	21	7	0	7	11	0	7
2	7	0	8	7	4	2	2	0	4	3	1	6	0	2	0	0	0	8	3

RECORD 81, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	1	2	13	23	82	11	0	7	0	1	2	4	9	5	2	13	0	2	2
0	2	0	2	2	0	0	6	4	0	5	4	3	9	4	12	6	0	2	2
2	2	2	2	2	4	3	2	0	0	0	0	0	0	1	0	0	0	2	2
2	0	0	1	5	2	0	0	4	0	2	2	0	2	2	2	0	3	2	0
1	1	2	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0

RECORD 82, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 01

THE PSD VALUES (INTEGER)

6	9	14	10	42	63	33	47	22	20	10	5	13	21	59	31	19	51	40	8
2	2	11	6	4	10	2	8	2	2	21	2	17	16	1	3	15	8	17	4
15	4	12	22	11	9	13	9	28	20	4	5	15	1	9	19	7	0	17	7
7	0	20	5	4	13	12	10	6	14	4	4	5	2	4	4	17	3	6	0
3	0	7	0	3	10	0	4	0	8	6	7	9	6	4	8	2	3	2	6

RECORD 83, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	0	3	11	14	2	0	3	2	7	2	4	7	2	3	5	2	2	6
2	0	0	0	4	4	2	20	2	0	5	8	0	2	6	6	2	0	2	4
6	3	2	2	5	0	0	2	2	2	0	0	1	3	0	1	4	2	0	2
2	0	2	4	0	0	2	0	2	0	1	4	2	3	0	1	0	4	0	2
2	2	2	2	2	4	0	2	1	0	0	2	0	2	2	2	0	2	2	0

RECORD 84, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	1	7	15	0	16	23	2	1	2	2	5	7	0	4	2	90	7	6	3
0	5	0	4	2	0	6	4	7	0	0	2	1	2	2	3	0	2	1	0
0	4	0	3	0	2	2	0	2	2	2	4	0	2	4	4	2	0	0	2
4	0	5	2	2	4	1	5	11	8	4	8	4	4	2	0	4	2	0	13
3	1	4	5	5	3	4	0	0	2	2	0	1	0	4	2	0	0	0	1

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RECORD 85, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	5	9	23	9	17	7	4	7	20	0	0	2	2	3	20	4	4
2	4	0	0	0	6	3	22	5	7	3	9	6	1	2	7	2	5	0	3
0	0	3	4	2	2	5	4	6	0	4	1	5	2	2	4	0	2	2	2
0	0	4	2	5	2	4	5	0	2	2	0	4	0	0	1	0	2	2	0
0	2	1	0	0	2	0	0	2	0	4	0	2	3	0	0	0	2	0	0

RECORD 86, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	2	0	34	59	175	13	0	13	6	8	3	8	17	10	6	23	3	9	8
2	0	2	3	5	1	0	22	11	3	16	4	17	27	9	39	23	2	0	8
3	6	6	2	0	21	26	3	6	3	0	1	4	5	13	3	8	2	5	15
4	0	3	3	3	4	7	5	31	1	1	9	4	14	0	4	2	17	3	4
2	6	0	6	0	0	5	9	4	0	9	3	5	5	14	5	4	5	9	2

RECORD 87, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

3	2	5	8	24	24	16	20	5	10	6	3	9	10	23	14	9	11	11	1
4	0	7	4	0	4	3	10	0	0	9	3	16	9	6	5	9	6	2	2
4	9	25	10	5	0	0	7	24	0	10	5	14	2	11	5	14	4	8	16
7	2	34	11	9	23	28	30	8	12	7	2	9	2	4	4	3	0	0	5
0	2	1	2	0	2	2	7	2	6	3	2	1	6	0	0	0	2	1	3

RECORD 88, ITEM S W 1 3 3

FLIGHT 4 8, FRAME 1 3 5 9 5 5 . 8 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	2	0	11	26	41	11	7	6	2	12	5	12	38	5	1	19	2	19	13
2	2	0	2	8	17	28	112	3	0	22	44	2	5	15	28	6	9	14	17
40	17	5	23	15	2	4	9	3	9	0	4	22	23	2	8	25	14	2	44
14	2	11	26	16	11	9	5	7	3	15	4	5	8	2	2	4	3	2	2
7	2	0	5	2	0	7	6	3	5	10	0	2	4	3	2	0	0	2	0

RECORD 89, ITEM S W 1 3 3

FLIGHT 4 8, FRAME 1 3 5 9 5 8 . 5 5, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	2	4	10	0	9	15	0	2	0	0	3	5	0	4	0	61	2	7	4
0	3	0	5	3	4	6	2	7	2	0	4	2	2	0	3	2	0	2	0
4	7	1	4	0	0	7	0	0	0	2	0	0	4	10	0	2	2	0	3
8	6	17	2	0	5	5	3	17	5	9	4	1	0	2	0	4	0	0	0
4	0	0	0	0	2	2	2	2	4	2	2	0	0	2	0	0	1	2	0

RECORD 90, ITEM S W 1 3 4

FLIGHT 4 8, FRAME 1 3 5 9 5 1 . 7 0, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	3	12	5	24	14	12	0	10	2	5	2	12	11	5	5	8	2	6
24	7	3	4	4	39	4	38	7	16	1	18	4	5	2	2	11	2	6	24
18	2	7	29	27	10	7	6	21	6	7	6	0	0	8	7	8	2	8	5
0	9	15	2	7	2	9	0	5	4	7	4	9	8	8	17	14	14	0	3
4	13	4	7	5	1	4	0	3	19	3	7	8	0	9	5	4	0	5	4

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RECORD 91, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	0	2	0	20	25	5	2	4	4	2	2	2	5	2	2	5	0	3	5
0	2	1	4	3	2	12	10	1	2	0	0	5	2	0	2	2	2	13	0
7	11	9	4	4	3	6	4	0	1	0	1	4	5	2	0	0	2	0	0
2	3	2	3	7	2	3	0	5	4	0	2	4	0	1	3	1	9	1	5
0	0	2	0	1	2	0	5	7	1	2	3	7	0	3	0	0	4	0	0

RECORD 92, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	2	2	4	4	4	2	2	2	3	2	0	0	9	9	8	6	0	2	0
2	2	0	2	0	3	4	4	2	0	1	5	4	2	2	2	0	2	2	2
2	0	13	6	1	2	10	2	10	0	5	1	6	2	5	6	5	4	4	2
1	0	9	2	4	0	7	5	6	0	2	5	0	1	2	5	4	4	2	0
0	0	3	4	6	2	0	0	2	0	2	3	9	0	0	4	2	0	0	2

RECORD 93, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 135956.80 RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	0	0	13	10	7	7	0	1	2	11	2	11	10	4	9	2	2	2	4
2	4	0	1	5	12	24	55	3	0	13	21	0	2	8	22	8	2	6	3
35	7	5	10	9	3	10	13	5	4	2	4	6	6	1	11	4	3	4	6
4	3	0	10	2	4	7	4	0	5	2	7	15	8	2	3	5	5	4	5
3	6	7	14	2	11	9	1	9	0	0	3	0	4	4	0	0	2	0	2

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RECORD 04, ITEM S 1 3 4

FLIGHT 4 8 , FRAME 135958.55 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	0	0	14	11	7	5	0	2	1	11	2	12	10	2	11	2	2	0	2
2	4	2	3	5	10	25	54	3	0	13	19	0	1	8	19	8	2	8	3
36	9	5	3	10	2	9	12	3	4	4	5	7	6	2	10	5	1	6	4
2	4	0	9	2	2	11	4	0	4	1	6	16	8	2	5	4	8	0	4
2	5	7	11	2	9	3	2	8	0	2	1	0	4	2	0	0	0	0	0

RECORD 05, ITEM S 1 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	1	9	13	4	9	13	14	4	114	72	5	5	9	3	2	6	6	2	6
0	0	0	0	7	2	1	3	2	4	0	0	2	2	0	0	2	8	1	7
7	18	3	0	3	3	6	25	30	28	3	4	6	13	6	4	1	0	7	5
2	0	2	0	0	2	1	2	4	2	0	0	2	4	5	3	5	0	0	2
7	7	2	10	5	15	23	4	15	8	30	49	62	10	12	0	2	7	8	10

RECORD 06, ITEM S 1 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	4	8	24	5	7	2	5	17	29	13	28	18	6	7	1	7	2	0	15
8	5	4	10	3	2	2	4	12	4	6	3	0	4	2	7	2	2	0	3
2	0	2	2	10	11	11	8	4	4	9	11	11	36	2	16	6	2	4	0
8	3	1	0	4	3	4	8	0	2	4	4	2	7	14	0	0	7	4	2
2	2	14	24	3	4	7	0	12	4	5	8	25	15	14	8	0	0	5	2

RECORD 97, ITEM 5 T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1730E 03

THE PSD VALUES (INTEGER)

0	4	12	14	5	2	14	0	37	91	9	54	22	16	43	0	11	1	4	15
2	2	7	4	7	5	2	2	4	6	4	0	2	5	0	0	0	0	2	2
0	13	2	2	5	4	12	7	13	2	0	7	0	15	1	8	3	5	4	4
5	3	2	2	8	2	0	3	8	6	17	15	10	19	22	4	4	3	4	2
1	4	5	7	1	1	4	4	2	0	2	5	4	0	2	1	2	0	0	1

RECORD 98, ITEM 5 T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 3 5 6 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1720E 03

THE PSD VALUES (INTEGER)

0	7	25	61	24	3	11	10	16	51	52	28	36	27	4	3	0	2	1	17
2	0	2	5	6	0	0	4	8	3	3	1	3	4	0	0	2	6	5	0
0	4	4	5	8	21	12	18	8	14	21	22	5	7	14	6	3	24	9	2
5	6	2	3	10	0	2	8	7	4	2	0	0	2	4	0	0	11	9	3
8	4	3	12	12	10	0	0	7	0	10	4	0	2	2	10	4	2	2	6

RECORD 99, ITEM 5 T 0 7 2

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	2	9	39	15	4	24	34	31	2	2	13	6	2	2	4	0	0	0	5
5	7	4	2	4	1	2	0	0	4	1	0	4	2	2	3	4	0	1	2
0	6	6	0	8	1	6	2	0	0	2	7	2	3	5	5	20	2	4	4
0	4	2	0	0	0	0	0	4	2	0	5	9	2	3	4	0	2	0	2
2	4	3	0	0	8	4	5	5	3	4	0	5	3	2	3	6	4	0	0

RECORD 100, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 02

THE PSD VALUES (INTEGER)

0	2	2	3	0	4	3	2	2	20	10	0	4	2	0	0	0	2	2	2
0	0	2	0	0	0	2	2	0	0	0	0	0	3	0	0	1	3	0	0
2	5	5	2	10	2	3	19	1	3	1	2	2	2	0	0	3	0	0	3
0	0	2	0	0	0	0	2	0	2	0	2	0	2	0	0	2	1	0	3
2	0	2	3	0	4	3	1	1	0	6	0	0	0	0	4	2	0	0	2

RECORD 101, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100F 01

THE PSD VALUES (INTEGER)

2	7	11	36	4	21	9	3	22	18	15	25	13	10	5	2	5	0	0	23
8	12	9	16	7	2	19	12	37	11	18	2	2	14	4	40	11	17	4	2
6	23	10	34	6	13	27	46	11	8	7	8	9	22	2	6	8	2	1	12
3	7	2	4	2	10	12	0	2	10	14	2	2	5	25	6	2	0	9	7
5	0	2	2	7	4	3	2	8	0	9	8	5	7	5	5	6	0	10	15

RECORD 102, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	6	4	2	0	6	0	8	24	3	11	4	6	11	0	3	2	0	2
0	2	0	4	2	2	0	0	4	1	1	1	0	2	0	0	2	2	2	0
4	0	0	2	0	0	2	9	0	0	0	0	1	1	0	2	3	7	5	0
0	0	2	2	0	0	2	0	2	0	2	5	0	0	2	2	0	2	0	0
0	0	0	2	2	0	0	0	0	1	0	4	0	0	2	2	0	7	2	2

RECORD 103, ITEM S T 0 7 3

FLIGHT 4 0 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	6	14	5	2	3	1	2	11	8	7	8	8	0	0	0	2	0	7
0	2	0	0	2	4	2	5	4	1	0	0	0	1	2	0	0	0	0	0
3	2	0	2	2	2	0	4	4	2	0	3	3	4	3	0	4	1	3	2
2	0	0	2	0	4	0	2	2	0	0	0	0	0	0	2	2	0	2	2
0	2	2	0	0	0	2	0	2	0	1	5	2	2	3	2	0	6	3	3

RECORD 104, ITEM S T 0 7 3

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	11	20	11	4	19	30	26	4	2	10	6	2	1	3	0	0	0	3
7	4	1	0	2	8	2	0	0	4	3	2	0	4	2	4	3	3	2	0
2	4	5	6	9	0	4	0	0	0	3	2	0	0	2	0	3	2	4	4
2	0	0	0	2	0	3	0	2	2	0	0	2	0	0	1	0	0	2	2
4	2	0	0	0	0	2	0	2	2	2	2	0	2	3	0	5	0	0	0

RECORD 105, ITEM S T 1 1 8

FLIGHT 4 9 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	0	0	7	10	4	4	4	32	2	4	17	14	4	0	3	2	16
8	2	4	1	2	4	0	10	1	2	2	9	6	10	12	2	10	5	2	0
6	5	5	5	3	3	5	0	2	0	0	0	3	2	13	4	2	3	6	0
0	2	0	0	0	0	0	2	0	4	4	3	0	0	4	0	2	2	2	2
4	3	0	0	2	0	4	0	4	2	2	1	0	0	0	0	0	0	0	0

RECORD 106, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	9	7	3	0	10	4	6	12	35	32	14	15	4	22	6	8	50
15	6	24	7	10	6	25	0	52	0	9	2	12	7	2	7	6	2	11	5
3	4	2	0	0	2	4	2	3	6	2	4	0	0	0	3	3	4	3	3
3	2	0	4	0	2	0	2	0	2	0	3	8	2	2	2	0	2	2	0
2	6	3	7	2	16	2	7	7	2	0	0	0	0	0	2	0	0	0	0

RECORD 107, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	4	0	8	4	3	11	17	8	8	31	7	27	95	15	8	21	15	15
4	11	6	25	10	30	2	2	18	34	15	23	5	5	0	7	4	0	0	2
2	9	0	3	2	1	2	4	1	4	6	0	2	3	4	2	6	3	3	7
2	1	5	5	0	2	7	2	0	2	0	2	4	2	0	0	2	9	4	0
5	2	0	2	5	2	2	0	7	2	2	0	9	19	3	5	5	2	3	3

RECORD 108, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4110E 05

THE PSD VALUES (INTEGER)

0	0	6	6	15	3	6	0	20	3	54	41	70	3	4	2	9	1	2	37
9	2	1	2	12	23	15	20	22	11	9	4	4	8	3	4	0	0	0	0
4	5	2	4	6	2	5	0	4	2	5	3	11	2	4	7	2	3	0	0
7	2	2	2	2	0	5	0	5	2	2	2	4	2	1	4	0	0	4	5
0	4	5	2	0	2	3	2	0	0	0	4	4	3	6	4	0	3	6	0

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RECORD 109, ITEM S T 1 1 R

FLIGHT 4 8 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	4	27	44	9	33	26	33	29	3	40	26	39	14	15	21	6	10	19
3	6	2	5	10	31	3	11	3	21	15	25	3	0	5	3	4	1	20	2
6	17	9	5	5	4	2	4	6	5	18	4	12	3	8	8	13	4	4	2
2	0	4	4	3	5	2	1	3	3	6	4	11	7	2	0	5	2	0	4
2	7	0	2	5	2	3	9	4	4	0	6	7	4	4	0	2	2	3	2

RECORD 110, ITEM S T 0 7 7

FLIGHT 4 9 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	3	0	0	2	0	2	10	4	2	2	2	0	3	0	2	0	8
0	0	4	3	0	4	6	0	2	0	0	0	2	2	0	2	3	0	0	0
2	5	2	4	0	2	2	0	2	0	4	0	3	2	2	15	7	6	25	11
2	26	2	4	0	2	2	2	8	2	0	2	7	0	5	6	2	2	5	42
14	19	2	5	1	0	17	3	6	15	3	3	14	0	4	20	9	2	2	4

RECORD 111, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	4	0	3	0	0	9	3	2	0	0	5	0	3
2	0	0	4	5	2	2	1	0	4	0	7	4	0	0	3	0	0	4	4
3	2	5	6	2	5	0	3	2	4	5	25	2	4	3	0	0	5	3	2
5	50	4	13	4	11	19	4	11	4	11	0	2	13	4	4	9	0	5	0
2	11	47	13	13	42	7	7	5	2	2	4	9	2	2	0	0	4	6	1

RECORD 112, ITEM S T O 7 7

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

2	0	3	0	2	2	2	2	4	3	0	0	9	4	2	0	4	2	4	3
2	0	0	0	5	0	0	0	1	2	10	2	6	3	3	4	5	3	9	7
4	0	0	0	9	4	13	0	4	0	7	0	2	2	6	5	5	4	3	2
9	0	10	74	7	7	11	10	0	6	18	7	11	4	13	15	6	6	26	12
0	3	8	0	6	4	11	4	8	0	8	5	2	4	2	12	18	17	2	9

RECORD 113, ITEM S T O 7 7

FLIGHT 4 9 , FRAME 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2577E 04

THE PSD VALUES (INTEGER)

0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2	0	0	0	0	2	0	4	5	0	4	5	0	2	0	0	0	0	0	3
0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0
0	2	0	5	4	9	3	9	4	3	7	4	4	14	4	0	3	6	1	0

RECORD 114, ITEM S T O 7 7

FLIGHT 4 9 , FRAME 1 3 5 9 5 8 . 5 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	1	4	0	14	17	21	5	0	2	8	12	4	0	2	0	2	2	2	4
0	2	1	5	0	5	0	2	0	0	4	4	0	12	4	0	7	11	9	8
6	0	12	5	2	0	3	0	7	12	0	6	5	3	8	8	5	6	4	2
4	11	12	9	38	0	33	17	77	4	6	9	7	10	0	2	4	7	23	9
5	2	7	5	32	15	3	14	48	32	3	2	24	4	22	18	22	2	3	0

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RECORD 115, ITEM S T 0 7 9

FLIGHT 4 8 , FRAME 1 3 5 9 5 1 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	3	3	2	0	0	2	2	15	5	6	8	4	0	0	0	2	0	3
1	0	0	0	0	4	5	4	0	2	2	1	0	1	2	0	2	2	5	0
2	2	4	10	2	4	1	9	5	17	20	10	11	3	3	7	5	0	7	13
40	19	5	5	9	2	10	9	0	2	11	6	9	3	0	7	46	4	31	7
5	3	2	0	20	9	31	7	30	16	29	49	3	4	6	1	9	2	10	9

RECORD 116, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	2	7	0	0	3	5	0	12	0	2	19	6	2	0	2	1	0	1
1	0	2	0	3	0	0	4	2	0	0	2	2	2	4	3	4	9	2	0
4	4	10	9	3	2	5	0	1	4	4	4	7	18	1	7	39	3	11	25
0	0	7	4	0	4	6	13	15	3	2	3	7	2	17	1	6	57	14	18
34	17	10	10	13	2	2	6	3	22	8	0	13	78	3	25	13	18	85	3

RECORD 117, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	5	2	3	2	12	4	10	9	1	4	16	10	0	4	10	3	3	4
0	5	2	3	9	2	0	2	0	2	0	3	2	2	0	3	3	5	3	6
0	2	0	0	6	7	4	3	0	0	0	0	0	5	5	2	2	4	0	2
2	2	5	1	7	0	0	16	29	7	10	2	4	1	2	45	31	19	4	30
21	23	37	3	43	7	12	34	38	16	4	5	11	12	2	7	9	7	2	3

FLIGHT 4 R , CODES 1 3 5 9 5 6 . 8 0 , RECORD LENGTH = 1 SEC.

DSO VALUE OF 1.0 = 0.2573 06

THE PSD VALUES (INTEGER)

0	0	4	4	5	7	7	2	9	2	7	0	2	2	7	5	3	4	0	3
0	0	2	2	3	3	4	0	2	6	2	2	2	0	0	2	3	0	0	0
0	2	0	5	2	15	2	1	0	7	0	0	2	5	4	2	4	5	11	6
2	5	14	2	2	4	6	4	10	2	5	8	3	22	35	2	3	24	21	2
24	6	15	11	7	21	5	10	2	16	11	9	10	6	11	24	0	31	4	5

REFUGEE 119, ITEM 5 T O T 3

FLIGHT 48, FRAME 135958.55, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1330-07

THE PSD VALUES (INTEGER)

0	1	2	2	7	13	17	4	0	2	5	5	2	0	2	0	4	5	0	2
0	4	2	0	0	2	0	0	2	2	2	0	0	0	2	2	2	0	2	0
2	4	2	0	0	0	0	2	0	0	2	2	3	1	4	5	4	2	2	2
4	0	4	0	0	2	0	3	0	2	4	5	3	2	4	3	9	7	4	2
2	2	3	0	5	16	5	0	6	6	2	2	6	1	2	4	0	7	2	0

RECORD 120, ITEM 5 T 1 3 5

FLIGHT 48, FRAME 135951.70, RECORD LENGTH = 1 SEC.

2500 VALUIC OF L.O. = 10,41000 05

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RECORD 121, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 2 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	2	0	10	2	3	13	2	8	29	3	22	92	57	34	28	7	14	7	6
18	8	1	11	3	16	4	18	44	5	7	13	5	10	4	6	40	22	0	0
0	0	4	0	0	1	4	0	4	5	2	0	1	1	3	2	1	1	1	2
0	0	4	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

RECORD 122, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 4 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	1	4	4	9	0	24	4	34	9	0	35	164	91	44	28	40	93	9	9
98	19	5	8	48	19	23	5	2	8	5	54	33	4	12	26	8	9	24	6
7	3	0	2	2	4	5	0	6	5	2	0	5	2	1	0	4	5	1	3
0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	2	0	0	1	0	0	0	2	0	0	0	0	0	2	0	0	0	0

RECORD 123, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 5 9 5 5 . 8 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	4	9	16	3	4	13	34	46	42	11	45	25	29	21	40	20	23	10
10	5	20	5	0	0	7	10	12	7	2	4	7	7	2	5	14	7	1	0
3	2	2	2	0	0	2	4	3	0	0	0	0	1	0	4	0	0	2	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0

RECORD 124, ITEM 5 T 1 3 5

FLIGHT 4 8, FRAME 1 3 5 9 5 P. 5 5, RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 36

THE PSD VALUES (INTEGERS)

2	3	5	8	5	0	4	26	13	10	9	38	8	2	4	5	6	9	16	2
4	1	2	5	0	11	7	0	3	0	0	7	0	3	0	2	2	0	9	0
4	4	1	0	4	0	2	0	0	2	0	0	0	0	0	2	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

RECORD 1, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	2	6	0	0	4	2	2	3	2	4	0	0
5	2	2	2	6	2	2	15	2	0	0	2	2	0	0	0	2	25	14	5
2	2	7	19	5	7	2	2	14	1	0	5	14	10	2	14	4	7	10	10
4	17	0	4	7	2	19	5	14	26	2	82	73	46	7	5	53	6	24	10
23	4	27	13	11	0	16	58	9	4	9	68	7	4	7	10	5	4	7	1

RECORD 2, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	2	0	0	0	0	2	4	2	4	2	0	9	4	0
3	0	3	1	2	1	2	2	1	2	0	5	2	3	1	39	21	26	2	2
22	21	1	27	5	6	2	30	16	10	2	5	2	9	9	9	5	9	0	17
3	6	27	48	19	0	0	5	5	8	32	11	9	29	14	3	13	4	19	2
29	24	22	21	15	2	2	4	0	18	5	3	3	12	18	5	0	4	9	16

RECORD 3, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	6	4	2	0	0	2	0	2	0	3	0	0	2	3	0
1	4	0	2	0	2	3	2	0	2	2	1	1	2	0	0	23	14	21	20
14	6	15	14	5	17	2	10	11	21	4	2	2	3	1	10	4	6	0	12
0	2	5	9	9	37	2	54	8	7	61	37	5	52	4	22	2	19	4	0
9	3	6	15	4	9	12	4	8	16	0	13	2	7	2	5	4	3	4	4

RECORD 4, ITEM A W 0 0 1

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

2	0	0	0	7	20	7	2	2	0	2	0	2	4	5	10	7	12	8	7
2	0	4	5	0	5	3	2	2	4	3	0	10	9	8	1	8	4	0	0
7	9	5	7	4	15	7	0	14	9	4	2	2	6	15	7	4	3	13	1
9	17	27	5	14	39	19	1	42	151	63	27	12	21	41	81	4	15	15	7
23	21	16	7	109	15	6	3	13	8	2	4	2	10	18	3	4	7	9	2

RECORD 5, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	2	4	2	3	9	4	5	0	10	0	4	0	0	0	3	5	16	2	6
1	5	2	5	3	7	3	2	2	2	3	4	9	2	7	10	14	8	10	11
15	12	4	6	6	2	0	6	0	2	0	0	2	2	0	3	13	2	2	7
4	5	5	31	12	0	7	3	18	5	11	17	2	8	6	5	4	24	2	25
11	12	7	7	4	4	4	11	17	4	20	11	0	0	2	3	19	0	7	2

RECORD 6, ITEM A W 0 0 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	10	9	2	2	0	2	0	4	4	4	1	4	4	2	2
1	1	2	2	4	1	3	4	6	4	0	2	10	15	2	3	2	6	12	20
22	9	1	5	4	4	26	7	21	3	1	15	11	4	16	6	3	2	7	22
5	3	23	7	0	6	0	10	18	6	11	28	8	20	0	13	9	4	4	7
9	2	10	5	13	25	4	4	7	5	9	6	2	6	7	10	7	2	5	11

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RECORD 7, ITEM A 0 0 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	8	2	0	0	0	0	0	3	2	0	0	5	17	2	1
4	8	0	0	0	2	1	4	2	7	0	0	6	3	2	0	7	2	9	2
0	4	8	13	3	5	9	15	0	7	2	21	6	0	1	8	2	0	5	15
3	0	2	8	9	15	9	20	2	23	20	24	8	23	20	3	9	4	7	52
3	5	12	10	2	12	14	4	0	2	9	7	1	0	6	4	15	8	0	3

RECORD 8, ITEM A 0 0 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-01

THE PSD VALUES (INTEGER)

0	0	0	0	2	2	0	4	0	0	2	0	0	2	4	0	1	4	4	0
0	0	0	2	2	0	3	2	2	0	2	0	0	0	4	2	15	0	4	9
2	0	5	2	3	1	0	16	0	5	4	5	0	6	4	5	3	2	3	14
0	3	0	1	13	2	5	5	23	5	9	16	3	49	7	0	2	1	22	14
3	5	3	20	2	4	21	3	8	10	1	7	3	2	3	4	0	0	1	4

RECORD 9, ITEM A 0 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2
0	0	0	2	0	0	0	2	0	1	0	2	0	2	0	0	4	3	2	0
2	0	12	13	13	12	8	38	18	13	27	4	0	6	18	7	4	15	5	0
4	4	2	4	0	0	1	0	0	2	2	4	0	2	8	0	3	5	2	0
2	4	2	4	1	3	3	4	5	2	5	8	1	7	6	19	8	2	5	2

RECORD 10, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	2	0	2	0	1	0	0	3	3	0	4	17
0	56	7	9	20	6	25	133	7	9	34	15	5	3	16	3	4	1	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0
0	0	0	0	0	0	0	2	2	2	0	0	3	1	12	3	0	2	3	0

RECORD 11, ITEM A 9 0 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0
2	2	0	0	0	0	2	2	2	6	0	0	0	0	2	0	2	3	15	4
5	11	25	15	56	40	23	12	57	153	4	42	27	3	21	6	7	8	4	7
2	0	0	0	2	2	0	0	0	0	0	2	0	1	0	2	2	0	2	2
4	6	0	4	4	0	0	2	12	12	4	2	0	8	8	0	5	9	7	4

RECORD 12, ITEM A B 0 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	2	0	0	2	4
0	0	3	0	0	0	0	2	2	1	0	0	0	0	1	5	7	0	1	4
21	11	47	27	35	62	18	49	121	10	135	13	53	2	5	6	6	0	16	3
4	3	2	6	2	2	2	2	0	0	4	3	2	0	2	1	2	0	3	0
4	2	0	0	1	2	2	4	0	7	5	4	6	6	8	5	2	13	2	2

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RECORD 13, ITEM A 9 0 1 9

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD_LENGTH = 1-SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	2	0	2	2	0	0	3	0	2	0	0	2	0	0	0	0	0
0	0	0	2	3	2	0	4	0	1	2	2	2	1	0	2	2	3	2	4
2	6	8	15	13	7	8	31	18	15	32	1	0	7	22	9	7	31	14	2
2	4	2	4	0	2	0	0	3	0	5	13	0	11	15	2	13	27	40	35
93	19	0	0	4	10	4	7	10	5	4	8	4	19	27	32	17	9	4	2

RECORD 14, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD_LENGTH = 1-SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

2	0	0	0	0	0	2	0	2	2	2	0	2	0	1	0	0	0	2	0
2	0	3	0	2	0	0	2	2	0	3	2	5	2	2	11	8	5	19	73
4	163	19	34	66	19	88	521	15	34	138	45	11	6	47	11	9	4	0	2
2	7	0	1	0	0	0	1	2	5	3	0	0	9	2	16	0	2	10	3
2	2	2	2	5	4	2	6	7	10	2	2	13	20	69	15	3	5	29	4

RECORD 15, ITEM A B 0 1 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD_LENGTH = 1-SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	0
4	0	1	0	0	2	1	2	2	4	2	2	2	1	2	1	0	9	13	0
11	9	31	12	67	49	29	9	67	178	2	49	27	8	15	6	5	2	0	2
0	0	5	3	4	4	17	2	11	0	7	4	5	7	2	15	1	1	4	5
10	20	12	11	9	4	5	13	10	52	16	12	10	2	20	0	14	20	9	9

RECORD 16, ITEM A 9 0 1 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	5	2	2	0	0	0	0	0	4	0	0	2	0
2	0	1	0	0	0	0	2	2	1	0	2	0	2	3	9	7	0	1	4
20	10	78	26	32	56	15	51	122	12	143	11	52	3	7	7	5	5	19	4
0	0	4	9	12	3	3	2	2	0	16	20	4	0	9	14	0	9	3	2
4	14	8	4	0	5	4	5	2	12	6	0	12	18	23	12	4	31	8	0

RECORD 17, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	2	2	0	0	0	2	0	0	2	0	0	2	2
2	2	0	0	1	3	2	0	3	2	2	2	0	0	0	0	3	2	1	0
3	2	2	1	0	0	2	0	0	2	2	0	3	2	2	4	2	1	0	15
4	2	2	0	17	2	34	13	4	14	6	5	7	11	19	3	15	10	7	11
3	2	7	0	1	11	11	2	0	6	22	8	11	7	5	0	2	5	8	3

RECORD 18, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	0	2	0	2	0	0	5	3	6	2	2	5	2	0	5	2	5
2	0	2	0	24	15	2	11	3	0	11	6	5	1	0	5	7	0	7	14
14	23	3	17	2	0	13	7	0	0	6	2	12	3	30	21	13	29	0	16
27	7	29	36	14	4	13	19	7	28	2	5	9	8	7	20	6	11	13	10
9	9	9	14	29	15	0	16	16	6	25	0	36	4	9	0	4	11	24	4

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RECORD 19, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	0	2	4	-1	4	-2	0	2	0	1	3	4	0
3	4	0	0	0	4	5	5	0	4	-5	8	3	3	2	0	2	2	5	2
3	4	11	2	1	2	2	2	2	2	0	5	0	5	5	17	-2	-5	7	21
19	18	7	17	16	28	3	6	4	7	0	6	12	32	4	0	9	16	8	5
2	6	10	1	2	7	4	0	9	12	9	7	6	0	6	0	4	8	4	4

RECORD 20, ITEM A B 0 2 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	2	0	0	0	1	0	-0	0	2	0	0	0	0
0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	2	0	0	0	6
0	0	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	0	0	0	3	-0	0	0	0	0	0	0	1

RECORD 21, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	2	9	2	7	2	9	0	16	2	7	2	3	7	2	3	4	13	2
2	2	12	0	6	2	1	0	2	7	3	2	3	9	0	4	0	7	1	0
2	20	4	2	0	4	0	1	12	18	0	0	7	1	0	0	12	2	4	2
0	4	1	12	1	8	2	3	2	8	2	1	4	2	4	0	7	8	4	5
15	2	4	3	2	9	2	0	0	2	3	3	4	6	12	2	4	2	5	21

RECORD 22, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	7	4	2	4	0	5	11	15	4	5	15	7	2	16
4	7	6	13	14	11	1	9	9	3	5	11	4	20	9	12	0	0	4	0
21	30	15	17	0	6	4	29	8	3	4	7	0	4	0	0	3	1	0	2
0	2	1	7	2	9	3	2	8	0	2	4	6	4	0	0	2	2	4	0
2	0	1	2	4	1	2	4	0	2	0	0	2	2	0	0	0	3	4	0

RECORD 23, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

2	0	0	0	2	4	2	0	2	4	2	23	13	5	10	18	71	4	4	26
37	2	3	16	2	6	5	4	4	0	5	11	2	8	0	4	6	0	2	12
13	0	25	3	3	2	4	8	11	10	6	9	2	2	1	4	1	4	0	4
2	0	1	8	3	22	2	4	1	4	2	4	8	6	2	1	2	2	2	2
2	2	4	2	0	0	2	0	0	0	2	0	0	2	6	2	2	0	4	0

RECORD 24, ITEM A F 0 0 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	2	3	2	2	11	4	11	8	3	5	16	29	185	39	74	52	32	33
5	9	2	4	4	11	6	11	13	4	10	2	0	0	3	5	9	7	7	5
8	8	51	2	4	15	2	13	4	5	0	11	2	5	2	5	3	6	4	4
2	0	2	2	0	0	2	9	0	0	0	5	4	0	4	3	2	2	0	0
0	8	1	7	0	2	3	0	2	2	2	0	0	0	2	0	2	1	0	3

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RECORD 25, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E-06

THE PSD VALUES (INTEGER)

0	2	5	33	2	7	4	27	7	5	16	8	15	0	23	4	1	2	25	3
5	2	14	4	2	4	32	43	26	3	22	11	9	14	14	10	0	24	14	2
2	36	0	27	7	2	2	21	5	32	3	2	7	6	6	4	10	48	15	10
6	4	5	4	17	4	7	2	10	11	19	3	4	19	21	0	16	23	13	19
3	21	17	10	0	6	0	5	15	6	4	2	7	19	3	4	20	6	2	37

RECORD 26, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	2	0	0	0	3	2	2	0	17	4	2	0	2	2	2	1	9	3	8
0	4	5	1	7	10	7	2	18	7	6	5	14	11	1	13	4	7	23	17
49	65	10	71	19	33	48	19	10	2	0	2	1	2	0	2	2	21	0	19
2	5	24	4	0	25	2	0	25	26	17	5	6	4	6	8	1	0	4	15
4	4	2	2	10	2	6	2	4	3	14	43	16	12	4	0	2	2	4	6

RECORD 27, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E-05

THE PSD VALUES (INTEGER)

0	0	0	4	0	5	7	7	1	17	6	2	2	7	10	7	15	36	44	5
4	6	2	0	0	10	14	7	6	18	3	4	14	57	1	10	1	11	2	7
27	3	88	21	4	10	9	7	3	0	2	0	1	4	0	7	7	5	0	5
7	6	9	9	6	10	0	3	4	7	17	8	5	19	5	0	13	2	0	1
2	0	16	2	6	4	13	5	3	8	2	12	11	3	4	14	4	0	0	5

RECORD 28, ITEM A F 0 1 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E-05

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	2	1	2	5	2	2	4	0	2	1	9	9	4	16
2	0	2	2	2	0	3	21	5	6	4	7	7	2	17	2	12	8	9	8
0	4	12	0	4	2	0	2	6	0	4	4	2	2	2	0	4	2	0	3
2	0	4	3	2	0	7	0	10	2	7	6	2	0	6	6	2	13	5	2
7	2	2	2	0	3	0	3	4	4	3	7	2	4	6	2	3	0	3	7

RECORD 29, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	2	0	2	0	20	9	2	2	2	5	2	2	0	5	2	0	16
0	0	2	0	14	2	2	0	15	5	0	5	0	5	3	16	0	0	0	5
4	8	0	4	0	15	0	3	2	22	4	7	5	11	23	3	9	33	2	9
6	0	2	0	4	6	8	4	2	0	10	3	0	4	8	0	2	4	20	6
0	2	6	2	2	2	2	4	0	2	2	5	2	0	2	4	3	2	0	64

RECORD 30, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	2	4	6	2	183	87	17	14	2	2	3	6	0	14	4	27	2	21	22
0	4	12	4	12	7	6	12	28	13	7	8	9	4	0	2	0	3	6	2
11	5	29	7	4	11	7	6	0	12	2	13	7	7	2	2	2	43	4	8
22	2	2	2	6	0	18	4	2	2	10	2	0	3	26	7	2	2	13	2
5	4	16	17	4	7	2	4	4	1	5	17	2	4	0	5	1	0	2	80

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RECORD 31, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	2	11	160	35	32	7	14	7	2	17	28	25	7	29	71	27	18
12	1	0	2	21	0	1	4	9	14	0	8	7	0	4	3	0	4	5	2
0	30	3	4	3	6	2	9	10	19	4	5	0	2	4	2	4	31	12	2
2	3	7	5	53	6	12	3	0	3	14	2	2	2	4	5	2	2	17	0
8	2	7	0	8	0	4	6	0	0	0	3	0	3	4	3	9	9	1	104

RECORD 32, ITEM S W 1 2 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	2	3	8	31	17	40	4	4	4	7	6	2	11	10	15	12	8	4
6	2	8	0	6	0	0	3	5	5	5	1	4	4	1	11	3	0	15	5
15	8	9	2	4	9	2	0	0	0	2	8	32	22	5	16	2	1	10	4
4	0	9	25	3	6	14	16	7	4	0	2	0	9	3	0	4	4	21	2
0	2	1	3	0	2	0	0	4	0	0	2	1	2	2	0	1	0	2	11

RECORD 33, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

5	4	2	11	12	9	24	201	26	79	0	24	32	11	40	9	2	0	2	37
0	0	0	1	13	0	6	0	13	9	1	2	4	0	2	0	4	3	0	0
2	16	5	2	2	6	8	0	4	11	10	73	18	235	670	53	12	70	0	3
11	2	2	2	4	7	3	0	0	0	0	0	0	2	2	3	0	0	7	0
0	3	2	0	0	0	2	0	0	4	3	5	0	2	0	0	0	0	0	15

RECORD 34, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	2	2	7	0	137	77	23	9	6	12	5	6	11	2	2	15	14	6	3
2	0	0	0	2	4	0	2	0	4	0	0	4	1	0	2	0	0	0	3
0	4	5	0	3	3	5	12	5	9	0	0	1	3	2	2	3	9	4	0
0	2	0	0	0	3	0	0	2	3	0	2	0	0	2	2	2	0	9	0
0	0	0	0	0	0	0	2	0	2	2	2	0	4	0	0	2	2	0	12

RECORD 35, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	0	0	2	5	29	3	3	0	2	2	2	2	0	0	2	4	0	0	3
0	0	0	0	4	0	0	0	3	0	0	2	2	5	0	1	2	2	2	1
6	0	7	5	1	10	2	6	2	5	2	2	2	4	6	2	9	17	12	4
1	2	5	13	9	8	8	2	2	0	3	0	2	0	0	0	2	0	0	2
0	2	1	0	0	0	0	0	0	0	0	7	0	0	2	0	2	0	1	4

RECORD 36, ITEM S W 1 2 4

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	0	2	2	15	37	6	21	3	2	0	3	0	0	4	0	0	0	0	2
0	0	2	0	1	0	0	2	2	2	0	2	2	0	2	2	5	3	6	2
9	6	2	4	2	7	2	2	2	0	3	4	2	2	6	8	2	11	0	6
5	2	8	2	2	6	8	26	25	22	8	11	16	10	11	5	7	2	1	0
2	0	1	1	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	4

RECORD 37, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100F 05

THE PSD VALUES (INTEGER)

0	0	2	4	2	0	2	30	9	9	0	0	8	5	0	2	0	2	0	15
2	0	6	4	5	9	0	2	9	1	4	3	5	2	0	2	2	0	0	0
4	5	0	1	2	1	0	7	4	11	2	27	20	84	231	16	7	13	10	0
6	6	2	0	2	2	6	2	1	0	0	4	2	0	0	2	2	0	3	0
0	4	4	0	0	0	0	0	0	5	4	14	2	0	2	0	0	2	2	13

RECORD 38, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	0	0	3	0	1	3	6	2	6	11	6	0	6	5	0	6	0
8	14	7	5	6	7	17	22	10	9	0	3	12	19	2	0	0	3	11	16
24	16	5	2	0	0	8	0	5	0	2	2	0	0	3	2	2	4	0	5
1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	0	2	0
0	0	2	0	2	0	0	2	2	2	4	1	0	0	0	0	2	0	0	3

RECORD 39, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	0	0	0	2	5	0	0	0	0	0	0	0	0	0	9	2	9
2	7	4	5	0	7	7	7	9	9	2	5	0	5	2	2	0	4	8	5
0	0	4	0	2	0	4	0	2	2	0	2	2	2	4	0	4	4	7	3
2	0	2	5	4	6	4	2	4	2	2	0	0	4	2	0	0	0	0	0
2	2	2	0	0	0	0	0	2	2	0	0	2	0	0	0	0	0	0	4

RECORD 40, ITEM S W 1 2 5

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	4	0	0	0	5	0	0	2	5	2	4	3	3	2	7	8	6	12
3	8	3	2	26	2	16	18	8	2	0	8	10	6	8	5	22	0	10	21
0	3	9	4	11	6	4	0	0	4	3	2	2	6	7	2	0	11	0	4
1	2	5	0	2	3	5	13	23	13	2	9	6	15	2	4	1	4	3	5
2	5	2	0	0	5	2	2	0	8	5	3	0	5	0	0	0	0	0	3

RECORD 41, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 02

THE PSD VALUES (INTEGER)

2	0	3	7	2	7	3	37	2	11	0	4	2	2	3	1	1	4	2	18
3	3	0	0	16	6	2	3	14	3	6	0	4	9	9	5	2	2	4	1
3	2	2	2	5	2	0	2	2	7	7	0	6	0	5	3	0	3	7	11
3	0	2	3	4	0	5	2	8	3	3	4	4	2	0	2	2	12	12	7
4	2	4	7	5	0	0	2	1	4	0	7	3	0	0	4	0	2	1	7

RECORD 42, ITEM S W 1 2 6

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

3	0	0	2	4	205	159	67	6	13	3	40	20	9	3	6	5	8	2	15
5	16	6	0	61	7	8	8	27	2	0	2	27	24	12	0	16	11	19	28
11	23	5	33	3	7	4	21	15	16	2	2	2	0	5	1	3	7	0	10
5	2	8	2	0	5	0	0	3	8	7	2	2	4	7	3	3	2	20	5
3	2	27	4	5	16	10	4	5	0	3	6	5	0	7	0	1	0	3	11

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RECORD 43, ITEM S.W. 1 2 6

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	0	2	4	40	10	2	10	3	4	0	7	2	2	2	0	5	1	6
1	2	3	0	5	2	3	6	3	9	2	0	6	1	3	0	3	9	7	4
3	12	4	0	9	17	3	8	13	13	5	12	2	0	1	5	3	5	1	23
1	4	1	11	9	18	2	10	9	2	0	6	0	2	0	4	0	2	5	0
J	0	1	3	2	2	2	1	2	2	0	3	1	4	2	2	0	2	1	4

RECORD 44, ITEM S.W. 1 2 6

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

2	0	3	4	8	44	13	35	0	18	0	9	3	2	2	2	8	2	2	5
4	0	10	0	6	0	2	6	3	0	3	2	3	2	9	0	20	0	5	10
3	4	10	7	4	5	4	0	3	9	7	2	11	19	5	24	8	1	27	0
3	4	2	13	13	22	10	0	44	13	22	37	24	15	10	11	9	6	9	2
1	6	7	7	2	4	6	2	5	5	0	0	4	0	5	1	2	0	0	0

RECORD 45, ITEM S.W. 1 2 7

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	2	1	0	0	4	19	2	10	2	4	2	2	0	2	26	3	2	15
2	0	0	0	7	0	0	0	4	4	0	2	0	0	0	0	0	2	2	0
2	0	0	0	0	3	1	45	2	2	7	2	0	0	0	0	0	5	2	0
0	0	0	2	0	4	4	0	0	0	0	2	0	0	0	2	0	0	7	0
J	0	7	0	2	0	2	0	0	0	0	4	2	0	0	0	0	0	2	4

RECORD 46, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	4	0	53	42	7	3	2	3	0	3	0	0	0	6	0	2	7
4	0	2	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
4	0	1	2	2	4	0	4	2	2	0	0	2	0	4	0	1	2	2	0
1	12	9	14	7	2	10	18	11	23	29	21	11	16	20	16	13	17	18	16
31	3	5	4	4	5	2	0	6	2	10	14	20	18	16	28	7	8	4	2

RECORD 47, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	0	2	8	41	10	0	0	5	2	1	4	3	2	2	5	13	2	5
3	0	0	0	0	2	0	0	0	4	0	0	2	0	0	0	0	2	0	0
0	2	0	0	0	3	0	4	0	4	0	0	0	0	0	0	0	2	0	0
0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	2	2	0	0	3
2	4	2	0	0	2	2	0	0	2	0	0	9	4	0	3	5	5	5	2

RECORD 48, ITEM S W 1 2 7

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	0	2	0	7	15	2	4	3	0	2	2	2	0	4	2	4	4	0	0
0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2
0	0	0	0	0	2	0	2	0	0	2	2	2	2	8	2	5	6	2	8
3	1	0	4	0	12	34	19	7	11	11	22	24	28	20	85	14	2	20	24

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RECORD 49, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	2	4	22	1	1	0	6	6	42	2	7	2	0	2	4	5	0	0	31
2	0	0	1	9	7	0	4	1	6	0	4	28	7	1	0	2	4	3	0
10	16	0	0	0	3	2	2	0	4	8	3	0	7	2	0	0	2	0	3
0	2	0	2	0	14	3	0	3	0	2	2	0	2	4	0	0	3	3	0
0	1	3	2	2	2	0	0	2	0	3	1	2	0	2	2	3	2	0	4

RECORD 50, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	1	0	0	2	6	1	2	2	2	6	13	8	2	4	4	0	10	12
7	9	10	4	13	6	14	17	16	6	2	7	20	19	2	4	2	7	12	23
32	20	3	4	0	1	10	5	9	2	2	10	7	2	9	4	2	3	3	14
4	8	5	7	2	1	2	0	4	2	4	3	2	2	7	0	0	0	0	0
2	0	2	2	2	0	0	0	0	0	0	0	0	0	7	2	0	0	0	0

RECORD 51, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	3	4	8	16	4	5	3	12	0	0	2	2	0	0	2	18	4	5
5	13	6	14	7	13	12	9	2	4	0	8	4	4	0	7	7	11	35	7
3	4	19	32	14	8	12	7	3	12	3	20	8	0	5	6	4	0	3	13
3	2	0	2	11	1	13	6	8	23	19	11	4	12	8	0	0	0	2	14
4	3	2	11	15	14	4	6	11	2	7	0	8	24	8	12	0	2	2	9

RECORD 52, ITEM S W 1 2 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	6	4	1	4	4	8	2	3	4	2	0	2	0	2	7	4	4	0
4	7	3	2	14	2	21	6	6	4	0	5	6	2	15	13	35	2	6	34
3	3	0	0	9	5	2	4	0	4	2	2	7	8	2	4	2	0	1	0
0	0	2	4	2	4	12	5	14	7	4	5	2	14	4	6	0	0	0	4
0	4	0	2	0	0	2	2	1	1	5	5	3	0	0	0	0	8	1	0

RECORD 53, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 01

THE PSD VALUES (INTEGER)

0	0	0	10	4	2	2	6	6	17	0	0	2	2	0	2	7	2	3	24
3	2	0	2	0	0	2	0	3	6	2	1	11	13	10	45	4	0	3	0
6	2	0	2	0	7	2	3	2	8	6	3	3	0	0	1	3	4	5	2
4	6	3	2	5	29	3	2	2	4	2	0	4	0	4	2	0	5	12	25
151	5	2	2	0	2	0	0	0	2	0	2	0	0	0	0	0	2	1	3

RECORD 54, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	3	2	111	68	6	6	2	3	2	8	0	2	4	12	2	2	4
2	2	1	0	0	0	0	0	2	0	1	0	3	0	2	0	2	0	3	2
7	8	6	10	4	9	4	9	4	6	4	2	4	7	9	12	2	5	2	4
6	0	10	1	0	12	17	3	5	1	4	7	0	3	0	2	3	3	0	0
0	2	0	2	0	3	2	2	0	0	0	2	2	2	2	0	2	0	0	6

RECORD 55, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	2	11	97	12	7	0	2	2	8	9	5	5	1	20	28	3	4
13	2	4	1	2	2	4	0	2	7	0	2	2	0	0	0	0	2	0	2
0	5	4	0	9	4	5	10	3	2	2	6	4	0	0	1	0	0	13	4
3	0	2	2	23	6	8	4	5	11	5	8	5	5	4	0	0	3	2	2
0	2	3	2	0	2	2	0	2	0	0	0	2	1	4	0	4	3	0	0

RECORD 56, ITEM S W 1 2 9

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	1	2	16	30	3	9	10	2	1	1	3	7	16	2	5	5	4	3
0	0	2	0	0	2	0	0	4	0	2	0	0	0	4	1	0	0	0	0
2	0	2	2	2	3	0	0	0	1	2	5	3	13	5	2	2	2	4	2
4	0	7	7	5	5	2	7	16	5	4	3	5	21	1	0	4	5	0	1
2	2	0	2	0	0	18	4	7	2	10	8	15	12	7	51	2	10	4	13

RECORD 57, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	7	4	4	2	5	6	23	3	0	1	0	4	4	3	8	4	19
3	0	0	0	3	2	2	0	4	3	2	6	16	2	0	0	4	2	2	2
1	19	2	0	4	22	13	6	2	7	2	0	0	3	0	0	4	2	2	5
4	4	0	0	0	3	11	0	0	0	0	0	2	0	1	0	2	0	2	1
3	0	0	4	0	0	2	0	0	0	106	8	6	2	0	2	0	0	0	8

RECORD 58, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	2	0	8	2	197	109	2	16	0	7	8	10	4	12	9	43	9	3	11
5	2	0	1	2	8	0	7	15	10	1	4	22	12	3	7	0	0	1	0
1	6	4	4	0	2	5	2	6	5	0	0	0	0	0	0	1	0	0	2
2	2	0	3	1	2	0	4	3	9	8	7	5	7	16	8	8	7	8	10
6	5	2	0	3	5	2	0	3	1	5	3	5	8	7	16	7	3	4	0

RECORD 59, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	0	2	24	157	16	6	4	5	4	15	7	26	17	10	50	120	11	8
16	8	0	0	2	2	2	6	18	33	5	6	5	7	3	2	2	2	4	0
0	4	3	6	3	0	2	6	2	3	0	3	1	0	2	2	2	11	0	2
0	0	0	2	2	1	3	2	2	0	1	0	2	2	2	2	0	0	0	2
3	6	1	0	2	0	0	0	2	0	0	2	0	4	6	4	1	7	2	0

RECORD 60, ITEM S W 1 3 0

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	3	2	15	29	0	10	12	2	5	3	4	2	28	4	15	8	6	1
0	0	0	0	0	0	0	5	2	0	0	0	0	0	2	4	4	0	2	0
2	4	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0
1	0	4	5	0	2	3	2	0	0	0	0	0	2	3	0	1	2	5	4
2	0	0	0	0	2	7	6	2	4	3	10	3	6	2	15	4	0	7	4

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RECORD 61, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	0	0	4	2	3	0	4	2	12	0	0	0	0	0	0	4	2	0	9
3	2	4	2	5	3	2	2	3	2	0	0	8	2	0	0	4	2	3	2
4	11	3	0	0	0	4	3	0	2	2	0	2	2	2	0	2	4	3	2
0	0	2	2	2	4	7	2	3	2	2	2	0	2	0	0	0	0	2	0
2	0	4	4	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2

RECORD 62, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	5	0	0	0	11	2	1	4	5	10	16	18	1	4	7	2	18	15
14	14	19	7	15	18	24	14	21	13	2	12	27	34	4	5	2	5	30	33
43	40	6	0	0	2	33	10	29	12	0	14	11	4	9	2	4	3	3	14
0	0	5	0	0	3	5	5	5	5	7	7	1	7	2	2	0	0	0	0
3	7	4	4	4	3	2	0	2	4	0	3	3	1	3	5	0	2	0	0

RECORD 63, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	0	2	2	5	8	0	2	0	0	0	0	4	9	6	0	0	3	2	3
0	7	7	7	2	3	6	7	0	0	0	2	4	0	2	3	4	0	11	4
2	0	8	8	7	2	9	5	0	4	4	14	1	2	3	1	1	0	2	1
3	2	0	4	5	4	3	5	0	7	4	10	6	9	2	0	3	0	1	6
0	2	2	0	0	0	2	3	0	6	0	0	0	0	0	0	0	4	0	1

RECORD 64, ITEM S W 1 3 1

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

0	2	9	1	10	7	3	8	7	2	11	4	4	2	6	2	4	8	7	2
8	14	1	4	21	1	31	13	16	3	4	2	4	4	20	12	51	0	7	60
14	9	36	3	10	4	2	14	3	14	7	5	2	3	7	3	4	7	3	6
0	2	2	5	12	0	1	11	28	9	9	11	7	54	4	5	4	2	12	11
7	0	4	12	2	0	11	6	7	2	7	2	13	10	3	40	2	2	4	3

RECORD 65, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 00

THE PSD VALUES (INTEGER)

0	0	4	7	7	9	3	14	3	39	4	1	5	5	7	9	4	28	13	42
8	2	9	0	7	7	0	4	7	10	3	23	88	2	23	6	30	11	7	1
5	16	8	2	1	2	2	0	0	9	7	4	2	0	1	0	10	0	16	12
1	2	14	2	7	21	36	2	4	0	2	0	2	0	1	2	2	0	4	0
2	2	9	3	5	4	12	2	2	2	7	11	9	0	0	0	2	0	3	6

RECORD 66, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	0	3	0	33	18	0	5	0	3	4	3	4	4	2	10	2	2	1
2	2	0	0	2	2	0	1	6	5	2	0	10	5	2	2	0	0	2	2
2	2	0	4	2	5	3	2	0	0	0	2	0	0	0	0	0	4	4	4
3	0	3	3	0	4	0	2	2	1	3	5	2	0	0	4	3	4	1	4
4	0	0	0	2	2	0	0	0	0	2	2	2	1	4	3	0	2	0	0

RECORD 67, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 02

THE PSD VALUES (INTEGER)

0	0	0	2	5	22	3	0	0	4	0	3	0	6	6	3	9	29	4	1
3	4	7	0	0	0	2	1	4	6	2	2	5	2	2	0	4	0	2	0
0	0	4	5	1	0	2	6	0	2	0	7	0	0	0	0	2	0	2	4
2	0	0	1	2	7	3	4	0	4	3	3	0	5	0	0	0	0	2	4
2	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	3

RECORD 68, ITEM S W 1 3 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 02

THE PSD VALUES (INTEGER)

0	0	3	2	16	34	0	12	9	0	1	4	10	2	25	8	27	11	6	0
0	0	0	0	2	2	0	7	5	0	0	0	3	2	5	8	18	1	0	3
2	4	3	4	0	2	0	4	0	3	0	3	2	0	5	7	0	3	0	4
2	0	0	8	8	0	2	12	13	2	1	9	0	13	4	3	2	0	8	7
0	0	2	4	0	2	5	0	2	4	0	8	2	2	5	3	0	2	2	2

RECORD 69, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 04

THE PSD VALUES (INTEGER)

0	0	4	3	0	3	2	0	5	4	4	0	3	0	0	5	0	13	3	7
0	4	0	0	0	0	9	2	2	1	0	2	4	2	9	3	8	7	0	1
2	7	2	2	4	2	2	0	0	4	2	4	2	7	2	2	4	5	0	6
5	2	2	0	2	3	4	5	3	3	2	7	3	2	2	4	5	9	0	10
3	6	0	0	2	0	5	2	0	11	5	7	2	9	2	0	2	7	6	7

RECORD 70, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	8	2	65	35	2	7	3	13	7	7	5	12	7	19	7	0	8
5	2	0	6	2	17	2	3	19	7	5	2	15	10	0	3	2	9	2	2
2	8	6	19	7	22	2	11	4	4	0	6	12	13	25	6	1	2	6	10
22	2	24	7	4	12	12	4	7	2	6	5	1	7	1	0	0	2	2	2
2	0	0	2	4	0	0	0	4	4	4	4	0	2	0	2	0	0	0	4

RECORD 71, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	0	0	4	8	42	5	4	0	5	3	6	0	29	12	5	22	96	13	3
11	6	2	2	0	2	9	11	15	10	5	5	13	7	4	0	2	11	8	2
1	5	9	10	25	4	12	23	7	11	0	19	0	0	5	3	5	5	19	13
6	1	2	9	14	10	13	22	15	10	14	11	3	10	13	2	0	0	5	4
0	2	11	17	0	4	6	0	0	25	2	9	2	5	7	2	9	11	0	5

RECORD 72, ITEM S W 1 3 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	10	0	22	77	0	34	26	0	8	17	13	7	64	15	53	17	8	4
2	4	2	4	0	11	9	42	15	4	0	0	16	2	6	7	30	12	3	2
0	1	13	7	9	7	5	9	6	13	3	3	8	39	11	25	2	17	7	9
0	7	9	34	44	2	14	81	43	21	13	46	9	41	20	1	0	1	8	0
4	2	3	8	3	0	5	5	2	4	4	2	14	1	6	1	5	6	7	4

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RECORD 73, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

2	0	2	0	5	0	0	5	7	2	0	5	7	6	3	10	2	0	4	5
2	7	5	3	4	12	2	0	6	4	3	10	8	0	4	2	9	3	2	4
5	16	2	6	3	4	7	8	2	21	3	0	2	3	4	4	8	4	1	0
0	4	12	11	9	2	0	9	3	4	2	4	1	2	10	8	13	7	14	7
9	12	7	8	3	4	12	6	2	26	3	17	2	19	2	0	10	19	16	0

RECORD 74, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	2	0	0	0	5	2	2	4	2	0	9	4	2	0	2	3	5	5
7	7	6	9	4	19	9	6	12	4	2	7	14	7	2	2	2	5	15	22
11	32	6	0	0	5	25	2	19	11	6	7	26	4	24	8	2	4	5	14
16	10	13	10	0	2	6	2	15	0	8	8	7	8	0	4	4	3	0	3
5	2	6	2	4	9	4	2	2	2	4	0	4	4	0	2	4	2	6	4

RECORD 75, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	0	0	2	7	5	0	2	0	4	2	0	0	13	9	4	2	8	4	4
2	5	2	3	1	3	5	12	3	0	2	2	3	4	0	3	0	1	7	7
0	2	5	2	11	2	13	10	3	2	4	12	3	2	4	1	0	0	2	6
4	2	4	2	4	5	3	2	2	5	3	2	2	6	12	2	5	0	2	10
0	4	6	3	2	6	9	0	0	0	5	4	2	2	2	0	4	1	0	4

RECORD 76, ITEM S W 1 3 4

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

0	1	7	3	6	6	10	10	7	0	8	2	7	0	8	12	9	2	4	4
0	7	1	3	12	7	19	20	14	1	0	0	2	4	14	4	14	2	4	24
5	3	22	3	7	5	2	7	3	11	6	7	0	30	15	8	5	6	3	2
2	2	4	6	12	4	4	4	12	4	12	13	2	43	9	6	4	2	29	23
6	6	4	23	5	5	23	0	15	6	2	5	4	0	2	3	2	2	2	1

RECORD 77, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	2	0	2	0	2	2	13	2	0	2	0	0	0	0	0	0	6
0	0	0	0	0	0	0	0	2	2	0	2	2	0	0	0	0	0	0	0
0	0	0	0	4	0	0	0	2	0	2	0	15	14	10	6	3	14	4	7
3	0	4	0	0	2	0	4	7	5	12	30	24	2	27	11	4	15	4	2
7	2	0	2	2	0	6	6	12	11	5	13	4	1	31	36	4	2	2	2

RECORD 78, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	0	8	5	5	8	9	6	37	6	5	6	6	0	1	2	2	2	7
2	2	0	0	2	4	3	2	0	0	0	8	3	4	7	4	1	0	3	1
14	4	5	13	6	14	21	1	5	36	43	38	20	32	59	0	31	48	12	10
8	4	18	2	9	3	2	22	16	35	64	28	17	3	7	8	10	11	16	0
7	0	2	0	11	6	2	7	13	10	0	3	15	1	7	23	10	11	69	61

RECORD 79, ITEM S T O 7 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	5	0	2	0	10	4	39	5	22	5	2	2	2	0	0	-2	1
0	2	0	1	0	4	0	0	0	2	-2	0	0	2	2	-0	0	0	0	-2
2	0	0	0	2	0	2	0	2	3	1	-9	4	+8	10	16	-0	0	2	0
2	12	2	46	6	12	16	0	0	8	4	18	5	11	11	3	16	4	4	2
2	3	0	2	3	0	0	2	2	5	0	4	2	0	3	0	2	0	2	0

RECORD 80, ITEM S T O 7 2

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	3	4	10	13	2	0	0	4	0	0	0	0	1
2	0	2	2	0	0	2	0	0	0	0	5	2	0	4	1	4	3	2	3
4	4	0	0	2	0	3	3	0	4	0	2	0	0	0	2	6	12	2	4
10	0	9	4	2	3	0	2	2	0	0	0	0	0	2	2	4	0	0	0
5	4	4	0	4	4	0	2	3	0	6	1	8	5	2	7	3	2	4	10

RECORD 81, ITEM S T O 7 3

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2670E 06

THE PSD VALUES (INTEGER)

0	0	0	2	0	3	0	2	0	7	6	0	1	0	0	0	0	2	2	5
0	0	2	2	2	5	2	0	0	3	2	0	-3	0	0	1	2	0	6	4
2	2	4	0	0	0	0	2	0	2	0	0	4	1	4	13	33	7	0	8
7	0	2	1	7	2	6	6	15	38	125	13	3	4	5	7	0	0	0	5
8	2	0	11	97	7	0	0	9	2	2	3	7	7	9	12	4	2	5	2

RECORD 82, ITEM S T O 7 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	2	4	0	11	3	2	7	12	9	0	3	1	5	2	2	4	6
0	4	2	5	0	0	2	2	0	0	4	2	3	6	2	0	4	2	0	8
4	0	8	2	3	9	1	5	6	0	2	0	4	34	32	5	10	0	30	14
10	5	10	2	6	1	10	9	2	4	7	4	5	10	8	6	8	17	7	6
7	0	5	11	2	0	0	2	8	12	0	1	2	2	2	4	7	6	3	1

RECORD 83, ITEM S T O 7 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	6	0	0	4	2	7	3	19	18	40	11	5	10	0	0	4	2	6
4	0	2	0	2	0	0	4	3	2	2	6	2	0	2	1	0	2	0	3
4	2	6	1	1	2	2	2	2	0	0	4	4	4	0	6	0	24	33	12
20	2	2	12	0	2	2	8	2	5	1	2	1	6	2	5	8	12	5	1
2	2	0	5	2	2	0	6	0	3	4	3	2	0	3	5	0	3	0	0

RECORD 84, ITEM S T O 7 3

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	3	0	9	7	3	17	17	8	15	14	5	6	20	7	0	2	0	2
0	0	3	2	2	0	1	0	2	2	16	6	4	2	0	8	2	2	4	2
2	5	0	4	2	1	0	3	2	4	2	3	3	6	3	10	5	5	33	15
0	2	33	15	9	2	0	13	18	3	14	26	5	2	8	0	4	4	3	0
7	3	18	4	2	10	1	4	3	5	4	2	2	0	0	10	12	15	6	7

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RECORD 85, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 05

THE PSD VALUES (INTEGER)

2	3	27	26	12	3	0	12	3	49	4	4	4	9	0	12	7	10	8	16
5	5	9	10	4	16	8	0	0	9	2	26	16	4	5	3	0	4	2	2
2	17	2	4	5	14	5	3	14	0	1	3	2	10	6	7	1	0	4	12
2	0	9	20	5	16	22	5	2	6	1	4	0	10	16	9	7	4	7	6
14	4	2	10	2	2	17	2	6	2	2	15	0	2	9	8	8	4	0	11

RECORD 86, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTFGER)

0	0	0	7	2	7	4	3	5	4	2	7	50	39	7	1	1	0	4	10
3	2	1	10	3	7	7	2	3	2	2	3	1	5	2	2	2	0	0	0
0	0	0	0	0	5	3	0	2	2	1	0	2	0	0	0	2	0	0	0
2	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	2	0	0	0	0	1	0	2	2	0	0	4	0	0

RECORD 87, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570F 06

THE PSD VALUES (INTEGER)

0	0	2	4	5	9	0	2	7	11	1	29	40	10	21	4	4	20	5	4
5	4	4	6	1	2	0	0	3	5	0	1	4	5	3	1	1	4	0	0
0	2	2	2	2	0	7	0	0	0	0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0

RECORD 88, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	5	18	2	5	16	50	28	27	13	9	70	59	14	234	8	10	4	2	19
1	0	11	9	2	2	0	4	12	9	8	3	10	0	25	3	13	2	3	3
7	1	2	0	0	0	2	2	5	4	3	7	5	4	2	2	0	1	0	0
2	0	1	2	1	0	2	2	0	0	0	0	0	0	0	0	0	0	2	0
0	3	3	0	2	0	4	0	0	0	0	1	0	0	0	2	0	2	0	0

RECORD 89, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	2	0	0	0	0	1	0	2	0	0	2	0	2
0	0	0	0	2	0	0	0	3	3	4	0	0	2	4	2	2	4	0	2
7	0	0	0	0	0	0	0	2	2	0	4	0	0	1	2	3	29	38	4
2	5	0	13	36	0	1	0	2	0	2	0	1	2	4	0	0	2	8	0
0	0	2	5	2	2	4	12	16	2	16	85	12	5	10	5	5	15	3	5

RECORD 90, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	0	3	2	0	3	0	0	5	0	4	5	11	10	0	1	0	1	4
0	0	4	0	0	0	4	0	4	0	2	4	3	0	0	5	3	5	4	8
2	13	7	24	5	9	0	9	3	7	0	7	5	0	10	1	4	2	0	1
0	3	4	4	4	6	9	0	4	5	0	0	3	14	3	0	0	0	2	4
5	2	6	25	7	9	10	9	13	14	9	5	18	37	3	0	28	18	0	27

RECORD 91, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	2	0	2	2	0	2	2	0	2	8	0	15	2	7	2	3	2	9	5
2	0	2	0	0	0	2	0	0	3	2	2	10	1	0	2	2	4	0	2
0	2	2	0	5	2	4	6	3	0	0	14	12	7	4	15	4	6	4	11
0	6	12	4	8	8	11	4	6	9	6	2	3	7	10	0	0	16	15	12
4	6	13	6	27	13	11	12	18	15	28	71	23	14	0	3	5	18	2	8

RECORD 92, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	2	4	13	0	5	5	5	5	5	5	2	12	6	9	14	6	5	3	15
0	4	0	0	1	5	2	0	0	0	0	4	1	7	0	4	4	0	2	3
0	2	2	12	6	5	0	2	2	0	1	3	2	0	3	3	4	0	12	2
4	4	9	2	3	0	11	3	27	7	0	8	0	3	6	83	38	22	2	10
12	13	21	0	4	11	3	8	16	6	7	14	16	13	56	59	11	21	0	12

RECORD 93, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	0	0	0	4	0	4	0	2	1	0	0	0	0	2	0	2	0	3
0	0	0	2	1	2	0	1	12	4	0	1	3	3	0	0	2	2	2	3
11	2	6	4	11	3	4	0	6	3	0	2	2	1	0	2	5	1	0	0
0	0	0	4	2	24	25	58	1	14	14	2	10	10	4	14	2	14	5	2
2	4	5	0	0	2	4	2	6	0	5	7	2	4	22	0	5	26	175	0

RECORD 94, ITEM S T O 7 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	0	2	13	4	1	9	7	0	11	3	16	4	25	34	4	1	2	2	4
0	0	2	0	0	2	2	0	0	0	0	6	3	2	6	2	0	0	2	2
2	3	0	0	13	4	2	9	2	16	5	34	7	18	2	9	14	22	3	0
2	2	3	7	6	5	3	2	0	10	2	11	11	0	11	28	3	8	0	4
4	38	8	21	53	18	35	51	43	30	3	42	9	24	10	4	10	11	2	0

RECORD 95, ITEM S T O 7 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	2	7	9	0	3	3	2	5	24	0	38	8	15	0	5	10	28	7
0	2	2	0	0	1	2	2	4	2	1	5	2	3	2	13	11	7	0	3
2	7	9	5	3	6	9	6	6	6	20	5	5	22	13	42	32	2	11	7
7	5	2	3	7	2	0	0	7	8	9	2	0	2	0	2	22	5	2	2
3	2	0	2	0	6	5	9	1	16	2	0	8	0	0	4	0	2	6	4

RECORD 96, ITEM S T O 7 8

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	6	8	13	2	5	16	4	15	10	4	4	36	28	19	31	11	17	11	53
7	0	2	4	2	9	4	2	0	3	2	7	1	4	4	15	0	0	1	3
9	4	5	5	17	4	3	2	3	5	2	8	18	7	7	5	4	33	4	5
16	6	11	11	0	3	0	4	0	1	5	11	2	6	0	0	9	0	1	2
4	2	1	8	2	2	5	6	6	11	0	4	15	12	2	8	3	8	10	32

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RECORD 97, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 4 4 2 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 04

THE PSD VALUES (INTEGER)

0	2	23	74	14	7	3	32	0	25	10	1	2	12	33	12	18	2	1	4
4	6	6	5	8	5	6	9	21	4	7	4	10	14	11	8	9	13	2	3
10	4	4	7	4	3	4	2	10	1	2	5	3	17	9	13	9	2	30	8
32	19	7	4	0	2	2	2	7	2	4	4	0	3	0	3	5	2	0	2
10	5	0	4	0	2	0	2	5	9	5	16	2	0	3	2	3	2	5	0

RECORD 98, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 4 4 3 2 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	0	39	3	4	11	20	18	41	14	96	25	161	223	18	0	76	35	47
2	14	11	10	6	13	8	3	21	9	5	15	27	43	23	16	3	2	8	2
5	13	0	2	2	7	4	3	2	0	2	3	6	2	4	2	0	2	0	1
4	0	2	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0
2	0	0	0	2	3	0	2	0	2	2	0	0	0	0	0	0	0	2	0

RECORD 99, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 4 4 3 6 . 2 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2570E 06

THE PSD VALUES (INTEGER)

2	0	0	3	10	2	2	4	0	13	35	2	78	16	43	2	2	4	37	0
0	1	3	4	0	0	0	0	3	2	6	8	2	11	5	12	3	0	5	2
2	0	4	0	8	0	2	0	0	0	0	3	0	0	2	3	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	2	2	0	0	0	0	4	0	2	0	0	0	0	0	0

RECORD 100, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 4 4 3 9 . 6 5 , RECORD LENGTH = 1 SEC.

PSD VALUE OF $1.0\sqrt{\sim}$ = 0.2570E 06

THE PSD VALUES (INTEGER)

0	2	3	7	2	5	23	2	8	3	17	0	70	30	19	35	14	37	17	50
0	3	2	0	0	10	3	10	6	2	2	10	9	10	7	10	4	2	5	4
0	4	2	3	2	10	5	0	2	2	3	0	3	5	2	2	0	4	3	0
0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	0	0
0	0	0	0	0	0	0	0	2	4	0	0	2	0	2	0	0	0	0	0

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RECORD 1, ITF4 A W 0 0 1

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	11	2	3	2	4	2	1	0	0	0	9	12	5	5	5
0	6	0	3	0	0	2	2	7	2	0	1	7	0	5	11	7	2	11	1
5	11	2	7	11	27	19	2	16	9	2	6	7	4	6	2	8	6	2	9
10	0	8	16	7	12	31	24	9	32	24	35	28	19	19	9	8	19	12	20
10	4	11	13	13	9	39	11	8	8	2	6	45	7	10	4	4	4	4	2

RECORD 2, ITF4 A W 0 0 1

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-02

THE PSD VALUES (INTEGER)

1	2	4	8	22	67	45	12	3	1	3	2	6	3	14	5	8	6	7	8
4	7	5	2	5	2	0	1	2	2	8	2	2	5	0	0	6	20	16	7
6	4	12	5	1	4	8	13	9	8	4	11	2	6	5	2	4	3	13	11
0	8	13	10	6	20	29	35	17	82	19	25	28	6	4	17	14	2	10	8
16	13	7	4	10	14	2	24	9	7	18	8	4	9	8	26	0	2	6	9

RECORD 3, ITF4 A W 0 0 1

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-02

THE PSD VALUES (INTEGER)

0	0	0	0	0	15	6	2	7	3	2	4	0	4	2	10	11	19	3	10
8	0	1	6	4	4	2	5	7	4	3	2	5	4	4	6	3	6	6	10
7	11	10	4	7	16	11	3	4	11	9	7	1	5	14	7	4	12	4	7
3	2	4	9	9	4	27	5	23	4	7	23	21	20	28	7	5	2	12	11
7	2	5	4	5	6	7	4	4	7	9	9	14	0	7	3	2	5	0	7

RECORD 4, ITEM A W 0 0 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E-02

THE PSD VALUES (INTEGER)

0	0	0	0	7	18	7	9	4	0	3	0	7	3	13	15	79	26	22	24
23	7	11	7	0	3	35	19	6	3	12	11	5	1	16	3	15	33	19	27
23	44	12	41	23	102	11	45	108	66	19	10	10	31	5	0	19	22	2	17
4	3	3	36	12	6	30	10	51	18	62	92	17	80	117	23	26	60	31	45
121	21	13	14	37	9	42	19	27	14	21	7	8	8	10	49	13	18	21	17

RECORD 5, ITEM A W 0 0 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-02

THE PSD VALUES (INTEGER)

0	0	0	3	21	26	74	10	5	4	3	6	2	9	7	4	27	4	4	3
0	0	4	1	7	4	4	0	2	3	7	5	0	1	2	7	2	6	2	4
2	6	14	0	11	0	18	10	14	10	8	8	3	14	15	12	6	4	8	8
13	7	3	4	10	7	4	31	16	4	14	15	22	2	13	2	10	10	7	8
3	11	2	0	4	7	6	9	4	11	6	2	3	2	4	4	4	2	0	4

RECORD 6, ITEM A W 0 0 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E-02

THE PSD VALUES (INTEGER)

2	2	0	6	9	43	16	4	1	4	4	0	3	9	24	20	10	12	8	4
6	2	2	2	4	5	2	11	5	12	2	4	13	8	2	9	15	13	8	32
9	2	14	17	16	18	5	15	10	14	12	14	5	13	5	7	4	9	4	20
36	23	2	12	10	23	21	18	117	7	75	0	38	59	62	25	82	18	9	15
22	11	11	34	7	33	14	31	24	8	9	12	14	14	4	4	5	4	23	3

RECORD 7, ITEM A 9 0 1 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	2	6	3
0	2	2	2	2	0	2	0	0	0	0	2	0	0	2	2	8	12	12	9
0	12	4	9	43	38	153	119	134	180	412	107	48	167	56	34	34	7	34	10
4	3	19	12	7	6	0	5	0	4	0	3	4	2	0	2	2	2	0	0
4	2	0	4	0	2	2	2	1	6	4	3	2	4	6	2	8	30	24	7

RECORD 8, ITEM A B 0 1 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	7	13	3	2	2	0	0	0	2	6	10	0	4	4
0	0	5	3	4	0	0	6	4	4	0	0	2	1	3	0	2	7	5	5
16	28	27	54	26	16	123	61	79	43	168	33	192	158	119	21	34	30	11	5
4	12	7	2	4	8	3	2	0	4	2	0	0	0	2	4	0	2	0	2
0	4	0	2	2	0	1	3	6	2	3	2	2	2	4	7	2	2	8	7

RECORD 9, ITEM A B 0 1 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	4	0	0	0	0	0	0	2	3	0	0	0	4
0	0	2	2	0	0	0	4	0	5	0	0	0	2	2	4	2	2	4	14
11	21	50	20	54	50	18	26	48	93	230	39	184	96	56	35	13	18	7	13
7	5	8	0	2	0	0	0	0	0	2	0	0	0	2	2	0	0	0	0
0	2	0	2	0	0	2	2	0	0	1	0	0	2	0	4	0	5	2	4

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RECORD 10, ITEM A B 0 1 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E-03

THE PSD VALUES (INTEGFR)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
0	4	0	5	16	16	44	36	42	55	129	37	13	51	18	12	10	6	7	4
0	0	3	4	0	2	0	0	0	0	0	3	2	0	2	6	2	2	2	2
4	0	2	4	2	6	4	2	7	8	8	4	2	5	5	4	6	22	24	9

RECORD 11, ITEM A B 0 1 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-04

THE PSD VALUES (INTEGFR)

0	0	0	2	0	0	7	17	3	2	2	0	2	0	2	6	10	0	4	4
0	2	5	3	4	0	2	8	4	1	0	0	3	1	3	0	3	6	9	6
13	37	32	72	29	21	146	78	107	50	235	44	254	216	145	33	39	45	17	7
5	8	3	2	4	8	1	2	4	4	6	3	0	2	7	9	3	0	1	10
3	6	2	2	4	2	6	17	9	1	15	12	5	2	14	13	11	3	16	21

RECORD 12, ITEM A B 0 1 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E-04

THE PSD VALUES (INTEGFR)

0	0	0	0	0	0	0	4	0	2	0	0	0	0	2	5	0	2	0	4
2	2	4	1	0	2	4	3	0	5	0	2	0	2	6	6	3	2	6	14
15	29	47	24	56	61	27	40	72	116	311	38	240	111	61	38	13	29	8	12
10	5	9	2	2	0	0	2	8	5	3	3	2	5	3	3	0	2	2	4
2	2	0	4	5	2	5	4	0	4	6	1	10	5	0	12	6	16	5	9

RECORD 13, ITEM A B 0 2 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	0	0	0	0	4	0	0	2	0	0	0	4	2	0	4
2	0	2	2	0	0	2	4	2	0	6	0	0	0	2	0	2	2	0	2
0	0	6	0	2	11	7	6	2	5	12	5	6	9	0	0	5	17	4	6
7	10	3	6	5	8	2	7	6	2	2	0	5	7	6	4	6	2	4	16
5	5	3	15	12	15	7	11	13	4	0	2	10	11	9	5	14	3	17	0

RECORD 14, ITEM A B 0 2 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F-04

THE PSD VALUES (INTEGER)

0	0	0	2	2	2	5	2	6	5	6	3	5	7	2	4	0	4	2	2
4	5	2	0	0	2	1	7	7	2	1	0	2	0	2	6	0	2	2	0
2	4	3	3	3	3	4	0	2	2	4	0	6	0	9	5	10	7	9	6
15	6	3	2	8	8	16	6	4	2	8	1	18	6	6	8	18	9	10	4
3	0	2	5	4	4	5	10	7	9	11	4	1	1	2	3	6	5	10	8

RECORD 15, ITEM A B 0 2 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F-04

THE PSD VALUES (INTEGER)

0	0	0	0	0	2	0	0	2	4	0	0	0	2	3	3	2	0	2	4
0	2	2	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0
2	2	3	2	5	4	4	4	0	0	2	5	0	7	6	7	5	10	5	4
7	2	7	2	7	9	9	2	6	0	2	6	2	2	2	6	8	2	2	0
5	0	4	3	8	0	6	8	6	11	11	4	4	2	4	6	5	9	2	17

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RECORD 16, ITEM A F 0 0 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F-04

THE PSD VALUES (INTEGFR)

0	0	2	0	0	0	2	12	0	8	2	2	2	3	32	39	35	23	28	27
4	10	3	8	14	6	12	18	6	3	7	9	3	1	5	3	4	0	0	2
3	6	1	2	6	3	14	20	17	12	11	3	3	2	4	0	0	2	2	2
0	2	2	2	0	0	3	4	0	2	0	2	0	0	0	2	2	0	0	0
2	2	0	0	3	2	2	6	1	0	0	2	2	0	0	0	3	3	0	0

RECORD 17, ITEM A F 0 0 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E-04

THE PSD VALUES (INTEGFR)

2	2	0	9	6	11	38	49	7	10	4	2	11	21	36	141	120	14	41	34
6	8	13	17	14	4	6	6	2	7	8	2	4	4	0	2	2	0	0	2
2	4	0	3	0	2	5	10	9	2	9	4	5	0	0	0	2	2	2	6
1	3	5	3	0	3	2	4	0	0	1	1	0	0	3	2	0	0	2	0
7	0	3	6	0	0	2	3	2	2	2	0	0	0	5	2	2	0	0	2

RECORD 18, ITEM A F 0 0 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F-05

THE PSD VALUES (INTEGFR)

0	0	0	6	4	15	7	94	6	14	5	11	19	37	294	397	85	55	36	54
77	105	41	10	15	12	6	0	11	17	19	37	10	5	8	9	1	6	13	20
9	12	4	2	8	12	8	33	4	25	14	5	0	1	0	8	4	5	9	8
14	10	11	4	6	4	0	3	6	4	13	18	10	22	5	4	2	8	7	7
5	1	9	6	4	2	6	16	7	6	6	2	5	18	0	2	5	10	5	7

RECORD 19, ITEM A F 0 1 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E-05

THE PSD VALUES (INTEGER)

0	0	0	4	0	0	0	15	11	14	2	0	3	0	13	19	13	16	16	79
16	12	5	5	2	16	1	17	10	2	5	11	14	24	81	7	1	9	3	7
12	2	18	7	16	27	41	13	7	3	5	8	2	0	6	5	4	6	19	9
7	3	18	14	9	8	11	6	4	14	0	4	8	20	10	6	15	6	11	3
6	2	11	5	6	11	7	10	6	0	13	5	22	6	25	13	14	13	5	6

RECORD 20, ITEM A F 0 1 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E-05

THE PSD VALUES (INTEGER)

5	1	16	22	9	14	20	21	32	36	11	3	4	15	45	51	27	24	16	57
6	4	4	4	19	16	30	50	37	16	16	8	14	21	17	15	14	9	8	9
14	3	17	27	21	5	10	33	17	12	10	3	7	5	9	10	6	26	2	23
6	9	10	9	7	5	13	6	2	3	11	5	20	3	3	10	5	10	4	5
8	6	1	8	25	4	6	46	4	4	26	7	7	0	2	5	9	5	12	2

RECORD 21, ITEM A F 0 1 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E-05

THE PSD VALUES (INTEGER)

0	0	0	4	2	0	2	9	5	43	5	0	3	16	53	108	63	57	15	22
5	0	2	4	9	0	4	3	8	11	6	11	10	12	6	12	2	6	1	5
2	13	7	4	7	7	6	3	6	2	5	2	4	7	0	2	10	5	7	28
4	12	7	7	4	7	6	12	11	5	4	3	4	2	4	5	5	1	3	1
3	5	12	1	17	7	8	12	4	5	10	12	5	5	3	2	6	4	7	5

RECORD 22, ITEM S W 1 2 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	2	2	17	13	32	15	8	4	6	4	0	2	9	2	10	61	11	7	17
8	5	0	2	5	3	7	12	2	13	13	6	14	8	5	1	3	9	4	2
5	6	0	0	4	4	10	14	6	5	2	1	6	4	1	4	4	3	0	5
3	2	9	6	2	2	9	0	0	6	4	6	21	2	5	8	12	14	5	13
27	18	6	11	14	20	0	14	19	18	31	21	17	14	39	9	8	12	7	1

RECORD 23, ITEM S W 1 2 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 04

THE PSD VALUES (INTEGER)

0	2	2	16	44	40	74	12	4	3	0	0	2	0	2	4	10	0	0	2
0	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0
2	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0
0	0	0	0	2	0	0	1	2	2	0	1	4	3	0	0	0	0	0	0

RECORD 24, ITEM S W 1 2 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

1	4	6	26	55	400	111	59	29	39	28	10	3	29	44	77	17	15	10	19
18	17	2	5	7	4	12	12	2	21	4	14	21	13	0	5	5	5	1	2
7	5	8	11	16	13	5	3	4	16	11	15	19	23	12	3	5	10	19	7
2	22	31	3	15	5	7	9	17	13	6	10	7	0	14	1	3	38	19	7
5	7	19	4	10	9	6	19	8	5	4	4	5	19	4	3	2	9	4	8

RECORD 25, ITEM S W 1 2 4

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 07

THE PSD VALUES (INTEGER)

2	1	4	27	30	67	24	10	8	9	6	0	3	2	5	1	2	2	0	2
0	0	2	0	0	0	2	2	2	2	4	4	10	5	7	2	0	4	0	2
1	4	2	0	2	2	7	14	2	7	4	0	0	3	0	4	2	3	6	0
8	7	12	6	2	0	4	4	8	7	4	12	14	2	10	19	29	45	20	55
67	31	4	45	45	50	11	34	56	45	67	51	30	48	104	38	3	14	16	11

RECORD 26, ITEM S W 1 2 4

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F 08

THE PSD VALUES (INTEGER)

0	2	4	46	102	81	154	14	4	4	2	2	2	3	0	2	2	0	0	0
0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2	0	0	0	0	4	2	0	0	2	0	0	2	0	0	0	0	0	2	0
0	0	2	6	3	1	0	5	4	4	6	4	3	9	2	4	2	0	0	2

RECORD 27, ITEM S W 1 2 4

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 07

THE PSD VALUES (INTEGER)

2	2	3	22	44	240	69	20	16	21	4	2	6	2	8	4	2	2	0	4
2	4	0	2	0	1	0	3	0	6	2	4	9	4	0	2	0	0	2	6
2	4	1	6	4	0	5	2	6	8	3	2	2	7	0	0	0	0	2	6
2	7	8	0	2	2	6	0	7	5	0	2	0	2	0	2	0	7	4	5
4	0	3	0	0	2	0	6	2	2	2	6	2	6	0	2	2	0	0	4

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RECORD 28, ITEM S W 1 2 5

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F 06

THE PSD VALUES (INTEGER)

0	1	2	4	11	8	2	11	4	8	0	2	9	6	4	16	49	21	10	20
27	3	13	15	4	14	74	31	59	3	66	51	19	7	19	6	11	14	4	2
6	20	6	14	5	11	24	10	25	20	2	2	9	4	0	8	20	2	6	8
2	6	0	9	5	8	6	4	5	7	2	13	6	8	17	17	55	16	21	20
37	23	4	17	26	31	9	10	30	44	77	37	46	25	93	37	21	16	20	2

RECORD 29, ITEM S W 1 2 5

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 05

THE PSD VALUES (INTEGER)

2	0	2	5	10	34	44	8	3	9	0	7	2	3	7	5	22	2	3	4
5	2	7	5	9	9	16	10	29	23	17	12	9	8	5	2	0	0	0	0
4	5	2	2	6	0	2	2	2	0	8	6	6	3	1	4	1	2	0	5
4	0	0	0	2	4	0	2	0	6	1	2	2	2	5	8	3	2	2	0
0	0	2	0	6	6	5	0	3	4	4	9	5	5	9	4	2	6	4	2

RECORD 30, ITEM S W 1 2 5

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	2	0	3	4	26	9	6	4	8	4	4	3	2	3	5	8	3	8	0
10	8	8	20	25	23	4	94	35	162	10	85	18	8	0	8	8	9	2	18
7	22	5	8	2	3	7	9	8	14	0	6	5	10	7	1	0	3	4	5
6	1	15	11	5	10	13	9	13	7	14	11	3	10	21	6	2	8	11	4
5	0	2	4	5	4	2	6	6	0	2	4	2	0	9	2	2	4	2	0

RECORD 31, ITEM S W 1 2 6

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

7	1	9	35	34	92	28	12	11	4	6	2	6	1	4	2	6	4	0	3
0	4	5	0	10	7	5	13	8	17	24	-13	26	7	26	7	14	29	16	15
19	14	8	7	4	5	8	30	10	7	8	2	2	2	5	-8	8	4	6	2
5	1	5	8	6	8	14	10	0	6	0	13	3	7	2	12	24	9	12	5
5	15	7	8	7	24	9	13	23	10	13	19	12	4	2	9	9	8	7	10

RECORD 32, ITEM S W 1 2 6

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	1	7	105	233	167	322	23	7	5	4	2	2	1	0	0	0	2	0	2
2	2	0	0	0	2	3	2	10	1	4	2	-9	2	4	0	3	7	2	0
2	6	4	2	2	2	0	4	6	6	2	2	0	2	4	0	2	7	2	3
-4	0	2	0	2	5	2	2	2	2	4	2	0	0	7	0	2	2	2	3
4	0	2	2	4	5	0	0	0	0	2	0	2	2	2	4	0	0	0	4

RECORD 33, ITEM S W 1 2 6

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

3	4	5	29	56	321	87	9	25	13	6	5	15	7	4	4	6	0	0	10
4	3	0	3	0	7	0	7	4	18	1	25	8	15	11	4	12	6	4	27
1	13	4	7	12	1	7	2	0	13	4	2	8	5	4	4	10	14	8	11
4	20	17	8	15	12	5	0	5	3	10	13	19	7	6	11	5	10	12	5
4	4	11	4	1	0	4	4	1	4	8	4	0	1	4	7	2	1	7	10

RECORD 34, ITEM S W 1 2 7

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 06

THE PSD VALUES (INTEGER)

4	1	5	23	46	93	26	17	5	7	5	0	9	9	15	22	103	21	14	20
3	5	2	2	6	3	3	0	3	12	2	1	4	4	0	1	5	16	32	21
4	17	4	5	5	6	15	35	45	17	8	22	30	16	14	11	24	11	2	16
14	4	21	16	14	14	31	6	31	26	7	34	93	11	70	31	10	14	19	20
11	11	5	2	16	7	19	5	21	10	5	2	2	3	12	2	5	4	2	18

RECORD 35, ITEM S W 1 2 7

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 07

THE PSD VALUES (INTEGER)

2	1	9	94	222	161	295	19	8	6	8	3	9	13	9	11	29	8	0	4
0	1	2	7	0	0	0	2	4	2	2	9	3	0	0	9	8	5	4	1
0	0	2	0	0	1	4	3	2	0	2	2	2	2	0	2	2	0	0	0
2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	2	0	0	0	0
0	0	0	2	2	2	4	0	0	0	0	0	0	0	0	2	2	0	0	0

RECORD 36, ITEM S W 1 2 7

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 07

THE PSD VALUES (INTEGER)

1	2	2	9	17	90	19	2	6	5	0	0	0	8	15	11	2	3	0	0
7	0	0	0	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	2
2	2	7	2	2	7	5	2	1	5	2	0	4	4	5	5	2	9	2	3
3	9	4	17	3	13	3	3	8	6	3	10	11	27	35	4	4	17	6	19
17	9	7	18	75	20	9	12	7	37	17	0	5	6	4	7	44	8	16	10

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RECORD 37, ITEM S W 1 2 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 05

THE PSD VALUES (INTEGER)

0	3	4	17	14	14	4	7	6	18	4	0	7	4	2	9	26	13	6	9
10	5	13	13	4	8	61	31	46	2	31	28	17	8	8	0	15	29	8	14
28	39	4	4	17	40	26	22	60	47	6	2	15	17	6	4	7	0	4	3
2	2	2	8	5	2	6	0	0	4	6	25	4	6	9	5	12	1	7	0
5	4	4	3	2	3	4	0	9	11	9	2	0	6	2	8	2	5	1	11

RECORD 38, ITEM S W 1 2 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 05

THE PSD VALUES (INTEGER)

3	2	5	100	152	87	92	3	7	14	2	6	10	1	6	7	24	6	7	7
16	5	17	14	15	26	40	17	56	57	34	18	14	4	9	11	4	16	2	11
4	18	30	5	10	13	33	17	28	23	9	14	15	9	11	2	6	5	5	14
5	4	6	2	4	2	2	9	6	4	2	7	9	11	4	8	6	9	12	7
4	5	0	7	5	2	0	6	0	1	11	2	0	4	4	8	1	4	4	0

RECORD 39, ITEM S W 1 2 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 05

THE PSD VALUES (INTEGER)

0	0	0	11	7	39	8	0	3	7	2	0	7	0	4	2	3	4	5	4
6	6	5	12	22	23	2	34	23	95	6	33	11	29	4	4	15	11	5	24
12	3	8	12	20	12	12	21	6	13	8	2	2	5	6	2	0	0	0	5
2	2	1	1	2	3	0	2	10	0	7	2	5	2	7	3	2	21	2	0
2	4	10	5	1	2	6	2	9	5	9	2	5	9	1	0	6	1	5	4

RECORD 40. ITEM S W 1 2 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 02

THE PSD VALUES (INTEGER)

7	2	2	8	26	47	14	9	5	7	4	2	10	4	14	24	92	14	14	14
9	0	5	0	0	2	0	3	0	0	4	2	0	0	4	0	2	3	5	1
5	5	2	3	3	2	2	8	16	13	7	5	3	0	4	10	7	0	0	8
10	0	6	22	8	8	9	6	8	11	11	33	42	7	23	17	14	7	7	10
14	15	6	4	3	3	8	14	13	5	2	0	0	5	3	0	0	2	0	3

RECORD 41. ITEM S W 1 2 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	0	6	56	126	92	135	6	2	0	2	2	4	12	14	10	25	0	2	0
0	2	0	2	2	0	0	0	4	2	4	2	0	8	0	2	0	4	4	2
0	5	5	4	0	4	3	2	4	3	2	1	0	0	2	4	7	2	0	2
0	0	0	2	6	0	2	4	2	2	2	0	4	2	4	2	0	4	4	0
4	2	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

RECORD 42. ITEM S W 1 2 9

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 02

THE PSD VALUES (INTEGER)

3	4	3	17	32	175	45	6	6	9	0	4	4	18	40	23	11	8	6	4
1	0	5	0	4	3	4	4	6	1	4	1	0	11	2	4	2	5	5	6
2	2	3	7	5	2	0	5	6	5	2	2	6	1	5	6	2	10	6	1
2	2	2	2	2	12	6	3	8	6	6	5	5	9	22	1	3	17	4	9
24	9	9	2	36	11	7	9	6	16	10	2	2	1	4	5	14	5	5	7

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RECORD 43, ITEM S W 1 3 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F 06

THE PSD VALUES (INTEGER)

2	4	7	17	41	59	19	8	3	14	3	2	17	17	24	51	252	37	32	38
16	4	4	0	1	2	3	6	4	2	6	9	8	3	6	2	4	11	16	10
9	9	7	7	3	2	8	4	6	6	2	5	3	4	7	0	5	8	2	5
2	0	8	6	7	6	7	4	0	7	3	8	19	5	15	9	2	2	6	6
9	4	2	3	0	2	4	9	6	4	2	2	2	4	3	2	2	2	4	3

RECORD 44, ITEM S W 1 3 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 06

THE PSD VALUES (INTEGER)

0	2	4	61	133	118	197	11	8	2	6	5	9	24	23	25	54	3	5	8
0	0	0	1	2	2	2	0	1	2	6	0	6	3	0	0	4	0	4	2
0	0	2	2	0	0	7	0	0	4	0	0	0	0	0	0	0	0	0	0
0	0	0	0	7	0	0	0	0	2	0	0	0	0	0	2	0	0	4	0
0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0

RECORD 45, ITEM S W 1 3 0

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

3	5	7	25	52	234	57	6	13	13	0	4	2	39	99	59	17	14	10	11
4	2	0	7	2	5	3	3	12	17	2	20	5	7	0	2	7	3	4	0
5	4	7	1	0	5	2	0	4	6	0	0	4	2	2	9	2	2	0	2
0	0	2	3	7	7	3	6	11	9	2	2	2	10	16	2	2	5	2	7
7	5	3	7	23	7	5	5	0	12	6	2	4	2	3	2	14	4	2	4

RECORD 46. ITEM 5 W 1 3 1

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

4	3	5	24	31	14	7	4	4	1	3	5	22	11	0	18	34	8	2	8
7	4	12	16	7	10	60	24	53	1	39	24	12	10	16	6	23	31	23	15
31	56	4	49	42	121	18	73	154	121	26	16	13	37	11	5	20	7	0	6
2	0	5	2	8	7	14	8	24	6	23	39	24	32	61	19	16	9	2	16
25	8	9	5	7	4	2	5	6	5	6	2	2	3	2	0	2	1	0	7

RECORD 47. ITEM 5 W 1 3 1

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

5	4	14	138	224	139	87	6	7	3	6	13	16	10	4	38	15	6	5	10
19	3	26	18	24	37	36	18	50	62	20	30	7	6	9	19	13	18	10	14
8	42	44	6	30	10	54	48	42	17	28	7	24	23	27	23	19	6	7	12
11	11	9	15	12	11	4	18	9	0	13	8	19	2	10	0	8	9	5	5
7	10	1	4	4	4	4	3	2	0	0	4	0	0	2	2	0	4	0	0

RECORD 48. ITEM 5 W 1 3 1

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

2	2	0	16	10	60	15	1	8	6	0	2	10	3	25	16	5	11	8	3
4	6	9	16	14	19	6	47	16	93	10	38	21	11	2	11	14	22	6	44
8	12	26	37	62	20	17	32	14	34	18	9	2	11	11	5	5	7	8	12
16	18	17	10	3	14	15	2	27	2	18	2	10	12	17	3	16	14	7	22
24	9	5	2	31	14	8	10	4	9	9	2	2	2	0	0	13	4	5	5

RECORD 49, ITEM S W 1 3 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 02

THE PSD VALUES (INTEGER)

2	2	4	12	21	45	14	6	0	6	3	0	8	14	18	54	247	50	28	41
19	9	3	2	3	4	7	9	1	6	11	15	6	6	11	7	11	25	14	11
10	14	4	6	8	8	8	8	0	6	3	5	6	3	6	6	2	6	2	2
2	2	5	7	2	0	10	2	5	4	7	13	5	3	16	0	5	6	4	4
11	1	0	5	4	2	5	2	4	3	2	2	0	0	4	4	3	3	6	6

RECORD 50, ITEM S W 1 3 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 02

THE PSD VALUES (INTEGER)

0	2	6	33	72	79	152	11	8	4	8	5	11	22	21	26	49	3	5	5
0	2	0	4	2	0	2	0	7	0	7	2	6	5	2	0	6	2	6	2
0	1	2	3	2	0	2	0	2	2	2	0	1	0	4	0	4	0	2	2
2	1	2	0	2	2	0	0	2	0	2	0	2	0	2	0	0	2	0	0
0	2	0	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0

RECORD 51, ITEM S W 1 3 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 02

THE PSD VALUES (INTEGER)

3	4	5	18	44	174	33	6	8	5	2	0	2	43	85	56	21	15	4	13
5	4	0	3	3	3	3	6	14	17	5	22	10	11	0	2	15	9	5	8
10	6	3	0	1	5	2	0	2	2	0	0	6	2	2	6	2	2	6	0
7	5	2	2	2	3	11	2	22	3	9	0	8	6	6	4	11	2	2	3
4	2	0	2	0	3	2	4	5	0	2	0	0	1	2	0	1	0	0	0

RECORD 52, ITEM S W 1-3 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

0	0	4	10	16	26	5	2	2	8	1	2	6	12	7	33	151	26	25	26
13	4	2	0	4	2	5	8	3	2	13	12	5	5	11	4	9	24	12	11
7	6	2	11	7	0	8	6	7	8	10	10	16	2	8	10	4	11	3	0
2	4	7	4	2	5	6	4	2	4	4	23	0	4	1	8	6	1	9	2
2	11	5	3	2	3	2	3	11	3	6	3	0	0	0	0	0	0	3	0

RECORD 53, ITEM S W 1 3 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

2	3	11	37	129	155	320	20	23	9	17	14	18	43	44	54	120	11	12	16
2	3	4	13	4	5	5	2	23	4	14	11	6	21	5	6	10	6	4	3
2	4	3	13	3	7	3	8	3	7	15	4	14	1	28	9	18	5	4	3
7	6	4	9	3	16	3	10	4	2	2	5	13	0	0	2	5	8	6	2
8	2	7	4	7	6	2	0	5	2	4	2	3	7	2	0	2	2	2	0

RECORD 54, ITEM S W 1 3 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

1	0	2	12	30	80	17	2	6	5	2	2	0	29	54	35	8	6	2	9
3	2	0	0	3	7	3	10	13	20	3	23	9	11	6	1	14	6	1	2
7	7	7	3	2	11	2	3	2	6	4	7	7	7	4	9	12	7	9	1
5	5	4	3	0	4	9	0	20	0	2	2	7	7	11	2	4	5	3	9
2	1	3	2	2	3	0	5	5	2	3	4	0	2	0	0	2	3	0	2

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RECORD 55, ITEM S W 1 3 4

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 04

THE PSD VALUES (INTEGER)

2	2	4	14	13	15	16	6	2	0	3	3	4	13	4	26	75	8	7	15
4	2	12	6	1	3	21	4	36	3	40	27	9	6	2	4	6	2	13	11
10	11	2	41	28	71	4	14	120	88	18	33	25	19	7	8	22	20	6	1
4	2	2	29	18	10	4	4	18	7	16	22	4	18	24	7	5	18	2	12
26	13	9	11	25	6	18	10	12	8	8	1	2	7	5	17	5	4	8	9

RECORD 56, ITEM S W 1 3 4

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 04

THE PSD VALUES (INTEGER)

3	4	10	45	66	73	119	4	9	6	15	17	40	25	19	64	29	11	0	12
12	3	7	12	9	22	11	4	59	37	19	29	3	9	4	6	18	6	8	4
7	15	45	12	26	12	46	18	21	18	24	17	22	30	43	27	17	8	10	29
24	9	3	6	5	9	9	26	17	9	14	10	9	0	14	2	16	5	9	7
5	7	4	4	3	12	4	11	5	11	10	7	6	4	4	15	8	15	5	5

RECORD 57, ITEM S W 1 3 4

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 04

THE PSD VALUES (INTEGER)

2	2	2	16	14	47	7	1	5	2	8	4	6	17	36	22	8	6	3	13
4	2	0	7	6	11	4	21	14	51	3	29	2	7	0	2	6	4	6	16
10	7	17	14	20	15	5	19	9	13	12	28	11	0	7	4	3	6	5	9
10	13	2	8	6	4	6	7	31	4	27	4	4	15	17	7	18	3	2	3
8	4	0	7	0	9	1	7	3	2	0	4	3	5	2	4	0	2	8	2

RECORD 58, ITEM S T O 7 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 02

THE PSD VALUES (INTEGER)

2	0	7	14	5	3	8	123	100	71	35	7	79	4	8	9	7	9	18	9
14	23	3	32	12	21	36	50	15	37	9	9	5	6	3	3	9	17	2	17
11	4	2	9	17	32	32	9	6	14	6	9	9	6	12	5	11	12	4	2
12	7	16	12	15	7	8	4	4	3	10	4	7	10	10	4	14	4	7	13
16	7	6	27	21	4	21	40	14	18	20	11	14	22	32	27	8	22	6	27

RECORD 59, ITEM S T O 7 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	6	20	70	62	31	110	84	79	338	51	46	10	15	3	3	5	2	2	2
3	4	4	3	13	11	40	18	4	6	4	2	4	2	0	0	1	4	2	2
2	4	2	2	4	7	2	2	4	8	2	0	3	0	5	2	5	2	2	7
7	3	4	3	0	2	0	4	3	3	2	4	2	0	0	2	0	0	4	3
0	2	3	6	4	5	13	8	0	10	1	8	5	3	5	9	0	4	7	2

RECORD 60, ITEM S T O 7 2

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 03

THE PSD VALUES (INTEGER)

2	0	2	6	6	16	8	25	26	111	28	17	9	7	6	6	1	2	3	6
0	1	5	15	7	8	19	10	4	8	3	4	2	2	2	0	4	0	7	2
11	14	2	8	12	4	0	9	3	2	6	2	0	2	4	4	2	7	2	10
10	10	8	4	2	2	0	7	4	4	3	5	7	4	1	4	9	6	5	2
6	9	0	0	4	0	2	0	0	2	0	3	0	2	4	2	2	4	6	2

RECORD 61, ITEM S T O 7 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F 06

THE PSD VALUES (INTEGER)

0	0	7	10	10	4	29	31	24	179	31	2	55	1	0	6	17	2	12	3
5	4	9	2	2	6	2	14	7	4	7	2	8	14	14	3	16	11	7	6
15	11	17	5	3	10	22	10	9	15	2	13	9	5	7	9	25	36	24	25
20	18	4	13	3	15	13	10	18	7	13	2	9	11	15	5	2	13	5	21
11	0	9	19	4	23	11	26	18	14	2	20	15	21	35	19	19	48	22	23

RECORD 62, ITEM S T O 7 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 06

THE PSD VALUES (INTEGER)

0	2	15	35	29	17	90	74	49	103	60	42	15	9	15	0	9	0	2	3
3	2	4	0	0	0	4	3	6	4	4	2	2	0	2	4	4	0	2	0
4	7	6	2	2	2	5	7	3	5	6	3	6	7	0	6	5	10	5	11
3	2	3	7	2	5	3	9	4	4	4	2	4	4	2	0	0	0	1	2
0	5	4	2	7	5	5	2	6	6	0	7	0	5	0	2	12	6	15	4

RECORD 63, ITEM S T O 7 3

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 06

THE PSD VALUES (INTEGER)

0	2	2	2	6	10	11	9	10	81	21	13	9	18	4	5	2	2	0	2
0	0	4	4	6	4	0	2	0	2	2	0	1	4	0	2	0	0	3	2
7	7	4	5	4	4	0	2	0	4	4	2	0	1	3	0	7	9	15	14
10	4	3	3	2	3	14	4	8	9	0	5	2	0	2	1	1	3	4	3
3	0	9	2	4	0	2	0	4	0	0	4	0	4	2	7	5	8	5	2

RECORD 64. ITEM S T 1 1-8

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06 .

THE PSD VALUES (INTEGER)

2	4	12	26	21	17	5	11	16	67	141	23	252	17	86	64	138	47	41	2
23	12	5	0	17	6	6	2	2	9	4	3	6	2	9	7	12	10	4	2
5	1	0	9	2	6	9	7	5	4	0	7	7	12	4	5	8	4	0	4
0	0	0	2	0	0	0	2	0	0	0	0	0	0	2	0	0	0	2	0
4	0	2	4	0	3	4	2	0	2	2	0	0	0	0	0	0	0	0	2

RECORD 65. ITEM S T 1 1 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130F 06

THE PSD VALUES (INTEGER)

0	2	5	42	49	42	44	19	35	62	55	14	49	118	76	58	56	19	19	9
5	2	5	5	5	4	8	2	3	4	1	0	2	4	3	0	2	5	10	2
2	3	0	4	0	0	2	3	4	0	2	0	0	0	2	0	2	4	2	2
2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0

RECORD 66. ITEM S T 1 1 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280F 06

THE PSD VALUES (INTEGER)

1	3	4	5	17	18	42	15	6	21	81	57	230	62	59	45	56	23	14	23
3	13	6	5	0	8	2	2	1	6	7	5	10	2	5	12	9	3	5	0
7	6	2	9	0	9	0	2	1	0	0	0	0	0	0	2	2	0	2	4
2	6	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	0
0	0	4	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

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RECORD 67, ITFM S T O 7 7

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SFC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUFS (INTEGFR)

0	0	4	14	4	20	7	7	4	8	8	17	23	15	7	14	74	12	22	38
6	7	9	4	6	3	4	2	2	2	3	4	2	0	6	2	3	4	0	0
0	1	0	2	7	5	18	14	23	2	30	11	11	8	8	21	30	30	10	18
25	12	7	17	8	29	12	23	34	12	5	9	12	26	11	11	17	27	6	26
10	5	11	17	11	17	6	18	5	12	29	15	15	23	15	9	36	12	1	0

RECORD 68, ITFM S T O 7 7

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SFC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUFS (INTEGFR)

0	1	5	27	25	8	2	9	11	19	22	9	16	36	93	7	41	12	26	24
5	7	5	13	1	2	7	4	5	2	0	0	4	5	5	1	2	2	5	4
4	8	7	10	11	5	4	15	6	6	10	52	12	7	8	1	10	34	6	5
7	16	22	12	31	9	17	41	6	2	8	8	8	5	13	12	24	14	4	5
18	10	10	15	24	8	9	9	16	18	7	9	7	8	7	7	13	7	19	10

RECORD 69, ITFM S T O 7 7

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050F 03

THE PSD VALUFS (INTEGFR)

2	0	7	7	5	22	17	21	9	3	12	2	32	76	49	85	41	47	4	9
9	13	5	0	5	0	3	2	7	8	7	2	0	2	2	3	9	6	4	0
6	2	17	1	2	5	10	19	7	11	4	4	1	6	8	8	23	28	33	10
15	53	16	24	11	18	39	14	16	11	32	10	3	13	5	7	0	12	13	14
11	12	13	11	7	6	5	27	6	8	26	22	26	9	12	21	13	10	7	12

RECORD 70, ITEM S T O 7 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06 .

THE PSD VALUES (INTEGFR)

0	0	10	42	16	50	14	14	9	20	24	55	49	50	22	13	252	29	77	168
15	22	25	14	13	17	11	9	8	5	4	18	1	6	14	6	4	8	0	9
5	11	8	4	17	9	19	10	7	9	25	22	13	14	5	14	16	31	34	7
7	2	24	4	2	19	4	4	12	2	2	1	9	12	0	8	13	5	13	12
4	3	12	8	6	13	5	10	9	9	13	15	2	20	13	9	13	20	5	6

RECORD 71, ITEM S T O 7 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGFR)

2	6	13	78	65	29	13	19	18	48	78	31	53	130	215	25	150	71	131	76
20	20	14	36	10	6	11	5	16	4	8	13	4	2	12	8	8	0	4	4
3	10	7	17	0	14	5	12	9	6	2	37	7	8	4	32	69	25	2	10
17	14	8	10	4	4	23	7	7	13	8	0	7	16	8	10	2	6	17	2
10	6	3	6	14	13	24	28	7	16	5	16	8	13	5	28	6	2	4	10

RECORD 72, ITEM S T O 7 8

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 06

THE PSD VALUES (INTEGFR)

2	0	2	5	3	16	11	8	7	2	7	0	23	65	28	41	41	49	12
13	9	3	0	4	0	2	3	5	3	3	6	3	0	0	0	2	2	2
0	1	4	0	2	2	4	4	1	4	6	2	7	0	3	0	4	2	6
3	4	6	6	0	3	2	0	1	4	3	0	6	4	3	0	0	6	5
0	0	11	4	0	2	2	6	15	0	4	3	4	3	7	5	6	0	2

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RECORD 73, ITFM S T 1 3 5

FLIGHT 5 9 , FRAME 0 3 1 9 0 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGFR)

2	0	7	48	23	55	28	17	8	21	31	90	105	45	63	30	229	38	51	109
14	13	19	18	17	5	3	5	4	2	12	9	15	4	22	6	13	18	11	12
4	14	2	0	22	4	8	9	5	7	4	7	3	2	5	7	5	2	5	2
2	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	2	2	3	2	0	1	0	7	0	1	8	2	2	0	0	0	2	0	0

RECORD 74, ITFM S T 1 3 5

FLIGHT 5 9 , FRAME 0 3 1 9 0 3 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGFR)

4	4	7	47	129	59	10	27	35	50	116	42	106	133	466	111	135	38	72	58
10	31	26	35	8	3	0	0	14	0	11	9	6	23	31	13	25	32	9	6
6	7	8	4	5	2	11	3	2	2	4	0	2	2	2	4	3	0	0	0
0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	2	0	0	0	0	3	1	4	5	2	3	0	4	0	4	0	0

RECORD 75, ITFM S T 1 3 5

FLIGHT 5 9 , FRAME 0 3 1 9 0 7 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5130E 06

THE PSD VALUES (INTEGFR)

0	2	3	12	8	27	21	21	10	6	12	6	41	84	58	170	51	41	4	14
5	5	7	2	2	3	1	0	2	0	0	5	6	1	5	7	2	1	2	4
2	4	4	3	2	2	0	2	7	0	0	0	0	2	0	0	0	2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0

RECORD 1, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 3 4 1 5 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	3	1	1	9	2	4	11	32	3	5	7	2	0	7	4	2	0	17
0	0	0	0	0	2	0	0	2	0	4	0	5	0	2	0	0	2	0	2
3	5	0	0	2	0	0	0	2	0	0	1	6	3	7	4	5	8	30	5
2	4	2	0	0	2	3	0	2	5	5	4	5	6	5	7	4	2	1	0
2	0	4	4	1	0	6	2	0	2	0	4	17	13	46	25	9	14	8	2

RECORD 2, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 3 4 1 6 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

0	0	8	19	14	0	5	20	4	55	5	4	23	5	22	7	5	4	4	7
0	4	0	0	6	2	5	0	0	7	0	2	2	3	4	2	2	0	0	4
0	4	3	0	2	3	5	0	5	1	4	4	11	3	4	12	25	17	2	10
1	15	5	0	2	4	5	5	4	6	2	0	7	11	4	0	6	7	1	7
9	0	2	9	6	14	2	4	7	11	9	1	11	21	0	8	20	8	7	12

RECORD 3, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 3 4 1 7 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 03

THE PSD VALUES (INTEGER)

3	4	9	25	5	11	22	13	2	37	22	29	43	11	23	11	6	10	5	9
0	0	2	3	0	1	5	4	5	0	2	4	0	0	7	4	2	2	6	2
5	2	7	3	2	2	1	10	2	12	11	18	9	61	20	14	0	24	12	10
4	6	4	3	14	5	33	4	20	16	2	12	12	8	7	2	10	8	8	9
2	3	5	7	11	21	10	9	9	10	4	0	8	2	1	2	4	4	2	7

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RECORD 4, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 3 4 1 9 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

0	0	3	7	10	11	11	10	4	3	0	4	8	27	10	2	2	5	2	2
0	1	4	0	0	2	3	2	8	1	2	2	1	9	2	0	2	1	0	0
0	1	0	0	2	2	2	0	2	6	7	4	2	8	11	9	3	7	13	6
4	0	4	6	1	2	4	10	2	0	0	3	2	2	3	2	3	0	0	0
2	0	0	0	4	3	1	2	3	4	2	1	2	0	4	2	2	0	2	0

RECORD 5, ITEM S T 0 7 2

FLIGHT 4 8 , FRAME 1 3 3 4 2 0 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100F 03

THE PSD VALUES (INTEGER)

0	1	2	12	13	9	11	7	2	7	75	48	101	13	26	4	2	2	6	4
0	0	0	0	0	2	0	0	1	6	4	2	2	0	3	3	0	0	2	0
0	0	3	2	2	0	0	6	3	3	0	6	9	8	8	23	20	18	2	2
2	4	2	0	16	5	4	2	3	2	3	5	2	6	0	2	3	2	3	2
3	2	4	2	2	2	2	1	0	0	2	0	1	0	2	0	4	0	0	3

RECORD 6, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 5 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1030E 07

THE PSD VALUES (INTEGER)

0	0	2	6	18	7	10	2	3	9	15	21	4	4	0	57	52	15	17	19
15	7	3	2	19	2	14	8	14	62	0	9	8	0	5	1	0	17	5	17
7	6	9	12	1	53	7	9	11	7	22	7	5	15	0	13	1	7	4	11
4	38	3	7	5	5	3	17	4	0	4	7	0	5	5	0	1	2	0	2
2	2	5	2	4	0	6	0	5	2	5	4	4	3	13	3	2	1	2	2

RECORD 7, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 6 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07 .

THE PSD VALUES (INTEGER)

0	2	6	5	1	3	14	9	11	31	6	5	5	0	48	20	11	4	2	25
2	0	0	2	22	0	6	16	2	38	0	7	8	6	1	2	5	0	2	3
2	5	2	0	0	2	4	0	0	0	0	4	0	0	0	0	2	5	2	2
2	5	6	0	7	1	2	2	2	0	2	2	2	0	2	2	0	4	2	0
0	2	7	0	2	0	0	2	2	0	0	0	2	0	2	0	0	2	0	0

RECORD 8, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 7 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	0	9	4	5	34	20	6	3	50	11	2	32	32	26	18	17	41	2	37
7	4	13	22	15	15	14	17	4	0	23	4	1	3	4	3	0	0	5	0
2	2	2	0	0	3	0	2	4	3	2	2	1	4	0	10	2	0	2	1
2	7	7	6	3	2	4	6	2	3	2	4	0	2	2	0	2	2	2	5
6	2	2	1	3	2	2	2	0	0	0	2	2	0	0	2	0	0	0	2

RECORD 9, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 9 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 07

THE PSD VALUES (INTEGER)

0	2	3	32	9	13	8	33	6	36	17	2	88	95	66	62	32	4	46	14
2	4	15	57	45	15	15	23	30	6	10	4	47	46	8	0	5	3	4	0
2	2	2	0	4	0	1	4	4	4	15	4	1	10	5	6	2	10	2	4
1	4	12	8	1	0	5	7	4	7	4	0	2	3	5	0	2	0	2	2
2	0	6	2	4	2	7	12	4	2	0	0	0	2	0	0	0	4	1	2

RECORD 10, ITEM S T 1 1 8

FLIGHT 4 8 , FRAME 1 3 3 4 2 0 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 08 .

THE PSD VALUES (INTEGER)

0	0	2	2	3	3	8	9	4	3	25	54	92	27	38	8	1	7	6	7
0	6	4	2	18	5	4	0	17	16	4	2	0	2	3	7	0	0	5	0
3	1	2	0	0	0	2	0	0	0	1	0	2	2	0	3	2	2	2	4
0	0	0	0	1	0	3	2	0	0	2	0	0	2	2	0	0	0	0	0
0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0

RECORD 11, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 3 4 1 5 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1300E 03

THE PSD VALUES (INTEGER)

0	0	0	0	2	0	1	4	0	10	0	2	0	0	0	1	3	0	2	4
0	0	0	2	2	2	0	0	2	2	0	0	0	0	0	0	1	1	0	2
0	2	2	2	2	0	0	1	11	0	39	8	4	7	2	0	0	1	0	2
3	17	0	0	11	1	0	11	7	2	4	1	2	7	3	10	22	36	13	15
4	0	3	2	2	2	2	6	5	5	11	18	88	74	83	477	12	13	2	1

RECORD 12, ITEM S T 0 7 7

FLIGHT 4 8 , FRAME 1 3 3 4 1 6 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.1300E 03

THE PSD VALUES (INTEGER)

0	0	2	38	5	17	45	71	7	18	1	2	6	3	9	2	0	3	2	4
2	2	2	3	4	0	0	0	3	0	2	2	3	2	2	4	6	6	0	0
0	0	0	2	2	0	2	4	6	21	4	10	5	2	5	3	2	0	1	7
1	14	8	2	4	7	8	8	2	11	11	0	75	10	19	10	20	18	8	9
14	9	2	7	9	9	10	26	21	16	39	7	22	106	59	181	25	20	4	12

RECORD 13, ITEM S T O 7 7

FLIGHT 4 8 , FRAME 1 3 3 4 1 7 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03 .

THE PSD VALUES (INTEGER)

0	1	11	25	62	67	40	14	4	6	2	2	0	0	2	0	6	3	0	1
0	0	2	2	7	0	2	2	0	0	0	0	3	0	0	4	0	0	2	2
0	0	2	2	2	3	0	4	0	7	2	3	12	9	2	2	0	2	0	4
3	6	7	5	7	0	5	1	8	2	10	5	10	6	6	8	4	3	9	4
4	5	2	2	3	2	3	2	0	3	6	10	9	8	7	7	0	7	3	4

RECORD 14, ITEM S T O 7 7

FLIGHT 4 8 , FRAME 1 3 3 4 1 9 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

2	0	0	11	21	9	0	22	1	0	2	3	2	2	3	3	3	2	2	0
2	0	0	1	2	0	0	2	2	2	0	4	4	4	2	0	1	0	2	4
0	1	4	2	0	2	0	0	6	3	5	4	3	4	2	3	2	2	4	0
0	7	4	2	0	6	4	0	13	7	2	11	7	8	8	5	0	2	4	0
4	2	0	4	5	4	2	3	17	4	7	8	8	2	7	14	0	1	6	0

RECORD 15, ITEM S T O 7 7

FLIGHT 4 8 , FRAME 1 3 3 4 2 0 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 03

THE PSD VALUES (INTEGER)

2	2	7	13	5	23	22	7	10	4	3	9	0	6	6	6	0	4	4	2
0	0	0	0	0	0	4	0	0	0	7	2	0	3	0	4	2	0	2	3
2	2	0	3	7	0	0	5	3	3	0	2	0	2	2	1	3	6	2	5
3	9	0	5	2	3	4	7	0	7	4	9	2	3	0	2	5	8	7	2
2	2	13	4	3	0	3	2	4	2	0	0	0	7	4	2	2	3	16	2

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RECORD 16, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 5 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 06

THE PSD VALUES (INTEGER)

2	0	4	0	1	4	2	2	2	5	0	4	6	0	0	0	0	0	0	4
0	5	3	2	4	17	3	0	5	2	2	2	18	13	4	3	1	4	4	2
7	3	2	4	2	20	9	16	20	11	2	3	19	0	2	3	0	0	4	3
7	0	2	2	0	9	7	7	28	66	21	4	11	25	15	2	6	0	0	10
10	51	62	12	15	40	20	38	22	88	44	39	28	42	12	15	19	2	4	5

RECORD 17, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 6 . 7 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 06

THE PSD VALUES (INTEGER)

2	0	5	4	5	21	4	11	3	10	5	9	2	2	2	2	2	4	4	4
4	0	2	0	13	0	3	4	26	16	0	1	9	5	7	3	4	5	5	0
4	0	7	0	3	2	35	9	1	5	4	4	0	2	2	4	7	4	2	0
1	1	0	6	0	2	0	0	13	15	2	2	39	9	64	41	11	13	8	34
42	19	29	25	4	5	12	2	4	9	4	14	4	29	19	6	3	14	5	16

RECORD 18, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 7 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 06

THE PSD VALUES (INTEGER)

0	0	2	3	5	5	15	4	4	16	9	2	8	2	0	3	5	0	6	6
2	0	0	1	3	8	11	8	10	15	9	7	0	1	4	0	2	5	3	2
2	17	7	9	3	10	13	4	4	9	17	3	3	7	4	5	4	15	5	2
2	0	23	9	16	23	19	5	11	8	2	29	11	53	0	50	0	12	45	11
5	43	0	37	3	23	24	9	13	25	0	11	6	50	20	7	9	13	4	3

RECCRD 19, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 3 4 1 9 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 06

THE PSD VALUES (INTEGER)

0	2	2	39	9	51	11	3	0	24	22	8	12	4	2	0	0	2	2	4
4	12	3	15	15	9	5	5	9	5	9	8	6	17	11	7	20	7	9	9
4	19	0	1	46	2	0	5	10	11	10	7	19	18	1	2	0	2	10	2
2	10	9	21	3	5	2	5	2	5	9	9	2	4	10	17	0	15	31	1
6	69	4	39	9	11	11	18	21	22	2	32	9	24	28	33	15	6	2	17

RECCRD 20, ITEM S T 0 7 8

FLIGHT 4 8 , FRAME 1 3 3 4 2 0 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 06

THE PSD VALUES (INTEGER)

2	6	9	20	16	9	9	2	0	20	28	21	26	8	16	14	23	3	1	2
4	16	0	2	11	15	0	25	22	11	3	7	4	9	8	1	20	7	4	9
6	0	7	4	0	17	4	4	5	3	11	6	3	19	23	6	17	8	4	20
10	13	0	42	4	0	6	9	9	0	4	6	6	2	5	28	17	3	10	8
4	6	11	33	4	23	9	13	37	2	0	3	13	5	5	7	28	12	10	23

RECCRD 21, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 3 4 1 5 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 04

THE PSD VALUES (INTEGER)

2	3	19	31	39	52	46	35	52	15	7	32	71	17	17	6	1	4	23	79
16	20	27	4	34	9	19	13	27	26	28	0	6	3	4	9	3	9	1	0
5	0	4	0	10	5	2	2	4	5	2	0	4	0	2	0	0	6	2	12
6	89	13	7	0	6	13	2	2	12	0	5	5	0	11	0	2	2	0	2
3	7	7	2	5	4	3	5	0	2	2	2	3	2	2	0	0	0	4	0

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RECORD 22, ITEM S T 1 3 5

FLIGHT 48 , FRAME 133416 . 70 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	0	5	4	6	29	11	23	6	11	16	29	24	7	20	0	6	13	5	6
8	12	16	6	5	4	4	4	7	10	3	2	4	0	2	3	8	3	2	0
0	2	0	0	0	0	3	2	0	0	2	0	0	0	0	4	0	1	0	6
0	3	2	0	0	2	6	2	0	5	2	0	0	0	0	0	0	1	0	0
2	0	2	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0

RECORD 23, ITEM S T 1 3 5

FLIGHT 48, FRAME 133417.30, RECORD LENGTH = 1 SEC.

050 VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

2	3	0	18	2	7	59	53	4	48	19	31	113	37	38	6	18	19	17	15
14	10	7	4	20	26	20	6	16	5	23	5	23	13	0	13	7	5	6	0
4	0	3	4	3	1	8	0	2	6	2	0	1	1	4	0	4	2	4	5
2	2	12	1	2	0	4	0	2	3	4	0	0	0	0	0	0	0	0	0
0	0	2	0	1	0	2	3	0	0	0	0	2	0	0	0	0	0	0	0

RECORD 24, ITEM S T 1 3 5

FLIGHT 4 8 , FRAME 1 3 3 4 1 9 . 0 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.4100E 05

THE PSD VALUES (INTEGER)

[illegible]

RECORD 25, ITEM S Y 1 1 5

FLIGHT 4 8 , FRAME 1 3 3 4 2 0 . 3 0 , RECORD LENGTH = 1 SEC.

PSD VALUE OF 1.0 = 0.2560E 06 .

THE PSD VALUES (INTEGER)

0	0	6	4	4	8	7	2	0	9	2	16	49	9	34	2	21	22	29	6
2	12	4	0	11	9	2	32	11	12	2	3	0	13	3	2	7	2	0	0
0	0	0	0	0	2	2	0	0	2	2	0	0	1	0	2	2	2	2	0
0	0	5	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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RECORD 1, ITEM S T O 7 2

FLIGHT 7 7 , FRAME 1 5 3 3 1 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 02

THE PSD VALUES (INTEGER)

4	13	2	65	42	10	9	6	13	2	15	4	2	16	3	12	32	4	4	3
5	2	5	7	4	11	2	2	7	3	10	2	1	15	13	9	4	8	7	10
6	6	9	6	2	5	8	2	11	12	2	7	0	4	17	15	6	3	4	33
3	6	12	4	7	16	10	2	9	5	6	7	9	11	19	7	15	6	8	1
6	5	14	4	5	10	7	1	10	2	12	5	3	4	7	6	0	4	9	11

RECORD 2, ITEM S T O 7 2

FLIGHT 7 7 , FRAME 1 5 3 3 1 5 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5140E 02

THE PSD VALUES (INTEGER)

2	2	11	11	20	4	10	7	6	9	4	1	9	14	9	34	17	9	15	12
11	19	2	13	21	4	10	9	9	17	7	5	13	3	4	11	3	2	7	9
3	1	2	0	0	0	2	0	2	2	2	0	0	4	2	4	7	3	4	9
8	7	2	2	2	7	4	4	0	7	2	2	4	0	2	2	2	0	2	2
2	1	6	2	0	0	6	3	4	0	0	0	5	2	4	2	0	0	2	2

RECORD 3, ITEM S T O 7 2

FLIGHT 7 7 , FRAME 1 5 3 3 1 8 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	0	16	11	5	12	12	2	19	3	10	5	4	27	12	7	11	16	12	6
15	13	5	38	22	8	15	10	5	8	3	16	10	8	4	0	10	5	2	1
4	2	4	3	4	4	6	7	2	5	2	4	4	2	0	5	5	3	4	5
5	1	20	6	3	4	2	3	3	3	0	2	0	1	2	0	4	0	0	2
0	4	2	0	0	4	0	2	2	0	0	0	0	0	0	2	0	0	0	0

RECORD 4, ITEM S T O 7 2

FLIGHT 7 7 , FRAME 1 5 3 3 2 2 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	0	7	6	12	11	20	8	18	56	12	27	17	26	14	4	52	17	31	31
13	23	2	6	29	6	36	98	60	31	2	38	53	19	12	34	45	68	3	0
7	6	4	7	3	5	0	6	0	11	10	8	20	9	15	33	2	19	14	24
5	14	18	11	5	6	3	2	2	5	3	2	2	4	2	0	2	5	2	0
3	2	7	4	4	3	11	3	0	2	3	2	1	0	4	0	2	0	0	0

RECORD 5, ITEM S T O 7 2

FLIGHT 7 7 , FRAME 1 5 3 3 2 4 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	5	27	19	29	180	38	15	38	22	16	71	42	38	6	11	7	79	5	51
19	6	9	22	11	24	21	25	9	54	15	11	40	51	7	19	61	32	18	8
2	6	15	11	2	7	3	3	8	0	5	11	15	7	12	13	4	13	35	12
11	15	9	21	38	31	6	14	7	8	7	7	10	10	9	17	2	7	2	4
1	0	4	8	2	3	7	9	4	6	2	2	1	0	0	0	2	0	2	0

RECORD 6, ITEM S T O 7 3

FLIGHT 7 7 , FRAME 1 5 3 3 1 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5140E 04

THE PSD VALUES (INTEGER)

4	25	48	47	35	17	17	6	16	25	20	8	7	4	7	13	29	12	5	14
24	8	8	10	15	22	7	6	6	3	38	14	15	26	81	18	41	15	38	2
85	80	24	63	18	23	14	64	81	47	15	10	2	5	5	53	8	13	5	51
12	6	8	8	14	3	16	10	11	16	17	5	9	12	7	7	24	9	7	17
12	17	4	3	18	16	25	7	15	9	6	17	8	4	5	15	14	12	0	26

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RECORD 7, ITEM S T O 7 3

FLIGHT 7 7 , FRAME 1 5 3 3 1 5 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

0	1	12	21	26	23	37	26	6	25	11	1	8	31	14	62	20	13	14	8
14	38	4	16	21	18	5	6	9	34	14	10	8	2	2	10	16	14	18	19
10	11	9	8	0	3	1	6	2	9	4	0	5	4	6	7	5	10	6	9
0	4	5	10	2	1	4	5	4	25	0	2	0	9	4	2	3	0	4	10
6	5	5	2	4	7	0	4	2	5	2	7	2	5	3	0	3	8	4	2

RECORD 8, ITEM S T O 7 3

FLIGHT 7 7 , FRAME 1 5 3 3 1 8 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	0	22	8	11	25	20	5	66	18	25	24	6	52	33	16	17	26	26	6
20	13	4	19	2	7	11	4	7	9	9	34	40	9	9	6	4	12	11	8
3	0	2	2	0	2	0	4	0	3	0	2	2	2	4	5	0	6	2	9
4	11	6	5	6	1	2	0	4	4	2	4	2	0	5	2	0	0	2	2
0	5	2	0	2	0	6	2	2	0	0	2	2	0	0	0	0	0	0	0

RECORD 9, ITEM S T O 7 3

FLIGHT 7 7 , FRAME 1 5 3 3 2 2 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	2	11	16	23	26	41	11	47	151	21	56	40	87	27	11	55	27	33	50
27	21	4	19	19	0	30	159	103	39	12	47	87	46	32	31	97	78	9	5
6	3	4	9	9	4	0	5	2	2	8	8	6	6	9	9	9	0	4	7
4	4	5	0	0	2	2	0	3	0	2	0	0	6	3	3	5	2	0	3
3	4	0	2	3	3	8	0	0	5	2	2	6	4	2	0	2	2	0	0

RECORD 10, ITEM S T 0 7 3

FLIGHT 7 7 , FRAME 1 5 3 3 2 4 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	9	45	51	55	314	62	29	82	69	25	172	83	50	31	38	12	116	8	56
27	6	4	19	9	18	31	28	11	61	10	22	39	101	18	21	84	53	30	6
16	21	20	4	10	0	7	10	2	7	1	3	19	7	4	19	6	12	14	15
0	5	5	4	5	4	0	1	0	6	0	2	0	4	4	0	4	6	4	0
2	4	2	9	0	7	4	3	2	3	4	0	6	0	3	0	2	2	0	2

RECORD 11, ITEM S T 1 1 8

FLIGHT 7 7 , FRAME 1 5 3 3 1 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5140E 04

THE PSD VALUES (INTEGER)

0	2	15	15	29	2	3	10	13	20	17	3	22	16	8	7	6	9	6	11
11	2	7	11	29	42	14	9	13	15	21	3	7	16	20	11	5	4	5	2
2	4	2	2	2	0	3	2	5	6	4	2	1	4	3	3	2	5	0	7
8	14	6	16	10	9	8	6	15	18	22	8	2	15	21	2	0	5	6	8
0	2	7	8	7	2	3	4	0	5	0	0	2	2	4	2	0	0	0	1

RECORD 12, ITEM S T 1 1 8

FLIGHT 7 7 , FRAME 1 5 3 3 1 5 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

0	0	4	7	11	17	30	57	7	18	23	1	27	65	19	56	14	2	5	1
6	5	2	21	29	2	5	5	12	17	4	3	12	0	0	2	2	1	7	3
4	2	0	0	0	0	0	0	2	2	0	2	0	0	2	2	2	3	3	10
12	4	0	2	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	4	2	0	4	5	4	0	0	0	0

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RECORD 13, ITEM S T 1 1 8

FLIGHT 7 7 , FRAME 1 5 3 3 1 8 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

2	2	18	25	24	8	26	34	83	22	21	35	10	67	74	24	41	47	26	30
6	18	27	47	15	6	15	16	7	8	12	38	21	8	10	0	5	9	6	3
6	0	0	0	4	0	0	0	0	2	2	0	0	0	0	0	2	0	2	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	5	2	2	0	2

RECORD 14, ITEM S T 1 1 8

FLIGHT 7 7 , FRAME 1 5 3 3 2 2 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

2	0	14	17	4	34	50	2	39	95	28	101	63	197	54	22	57	52	102	39
52	29	16	48	14	2	19	100	158	68	27	56	45	41	50	19	51	53	2	4
8	5	3	8	4	0	0	8	3	2	2	1	1	2	2	4	0	4	4	4
4	0	2	3	2	0	2	0	0	4	2	0	0	0	2	0	0	0	2	0
2	4	5	3	4	4	3	2	6	1	2	0	2	2	0	2	0	0	2	2

RECORD 15, ITEM S T 1 1 8

FLIGHT 7 7 , FRAME 1 5 3 3 2 4 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

0	2	9	36	38	76	29	62	46	20	88	97	46	31	72	140	51	99	38	52
33	54	42	18	45	35	14	32	32	58	18	18	27	91	14	16	55	15	18	5
12	17	8	6	7	4	6	2	0	2	6	0	3	0	0	3	2	2	11	8
3	0	2	1	2	2	3	2	0	0	1	0	1	2	2	0	0	4	4	0
0	2	4	6	4	2	4	0	0	2	0	0	2	0	0	2	0	0	0	2

RECCPD 16, ITEM S T O 7 7

FLIGHT 7 7 , FRAME 1 5 3 3 1 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 02

THE PSD VALUES (INTEGER)

0	11	33	19	33	14	12	18	3	21	13	5	8	9	11	6	12	16	4	7
5	17	7	7	10	8	6	21	16	16	2	26	7	14	14	2	12	5	4	4
2	5	5	15	5	17	5	16	15	16	13	16	31	12	17	24	20	27	11	19
14	7	1	2	14	23	5	6	18	11	5	13	6	6	6	10	19	6	14	10
1	5	4	6	0	11	9	18	9	15	12	7	7	2	11	7	2	2	2	0

RECORD 17, ITEM S T O 7 7

FLIGHT 7 7 , FRAME 1 5 3 3 1 5 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 02

THE PSD VALUES (INTEGER)

2	6	13	52	24	41	60	88	40	37	51	83	22	35	64	62	18	20	27	11
7	45	18	5	40	55	25	38	13	39	13	7	18	7	9	7	9	6	7	6
5	3	0	9	6	7	3	18	8	8	7	12	19	18	15	32	6	29	26	38
59	54	35	18	22	50	66	12	9	17	24	7	5	10	7	9	9	14	0	12
15	11	8	10	12	4	20	12	4	6	11	5	11	5	2	4	2	2	0	2

RECORD 18, ITEM S T O 7 7

FLIGHT 7 7 , FRAME 1 5 3 3 1 8 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5140E 02

THE PSD VALUES (INTEGER)

7	10	107	31	17	13	5	73	4	20	13	10	44	30	73	59	11	28	11	56
25	28	12	112	147	14	14	45	8	13	55	15	13	9	14	13	25	9	13	0
4	6	7	9	5	2	3	8	3	12	2	5	0	14	5	3	10	44	20	19
13	7	5	20	5	14	9	7	14	3	11	11	2	2	2	6	4	6	2	6
1	2	0	11	4	3	6	4	2	12	4	5	3	8	5	5	4	1	2	1

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RECORD 19, ITEM S T O 7 7

FLIGHT 7 7 , FRAME 1 5 3 3 2 2 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

0	0	8	16	13	9	9	4	9	41	9	6	10	4	39	10	11	2	3	4
12	2	8	9	56	14	16	3	12	15	14	9	9	6	5	20	30	15	12	5
2	1	2	4	6	4	1	4	0	4	0	4	8	1	7	10	22	9	2	3
10	10	6	4	3	13	3	4	2	2	0	2	2	4	6	4	1	4	2	5
0	3	2	4	7	9	4	2	3	0	4	2	1	0	0	4	0	0	2	0

RECORD 20, ITEM S T O 7 7

FLIGHT 7 7 , FRAME 1 5 3 3 2 4 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 03

THE PSD VALUES (INTEGER)

6	8	81	40	84	25	35	83	51	16	41	38	3	38	11	30	19	6	23	0
5	6	9	23	27	8	11	37	11	7	9	25	14	4	19	10	28	17	4	3
4	4	6	4	0	2	0	4	10	5	5	3	8	16	8	15	35	19	5	18
19	19	14	29	50	13	30	18	7	10	15	6	6	6	7	3	2	4	12	7
5	5	5	9	11	0	6	16	4	5	2	0	0	2	0	2	0	2	0	0

RECORD 21, ITEM S T O 7 8

FLIGHT 7 7 , FRAME 1 5 3 3 1 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

0	9	43	23	25	7	3	5	7	7	11	0	9	10	7	17	11	4	8	3
0	2	6	2	6	13	2	4	4	13	19	31	4	3	7	28	4	7	13	3
15	12	9	21	17	12	7	13	18	25	37	17	20	51	18	15	10	16	13	11
64	14	6	14	19	4	21	6	6	24	7	21	105	61	6	16	36	51	57	11
11	27	30	14	14	3	15	12	7	4	17	29	32	20	5	6	11	1	5	4

RECORD 22, ITEM S T O 7 8

FLIGHT 7 7 , FRAME 1 5 3 2 1 5 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

0	5	34	47	22	33	34	65	29	28	35	106	36	73	112	117	19	49	26	20
12	55	16	14	46	35	47	38	18	43	6	9	58	39	20	34	3	15	3	15
7	10	13	4	6	8	2	4	0	7	16	9	16	12	8	10	11	20	11	30
36	11	18	3	9	23	8	15	20	8	10	18	9	20	32	31	21	27	16	4
6	10	7	4	12	7	10	6	2	12	0	4	9	7	13	9	7	0	10	5

RECORD 23, ITEM S T O 7 8

FLIGHT 7 7 , FRAME 1 5 3 3 1 8 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

3	5	39	15	6	9	9	82	2	24	12	16	47	34	55	25	13	16	8	38
14	31	16	99	136	13	11	26	6	24	20	10	13	10	6	11	18	4	7	2
6	3	3	2	2	4	0	5	0	4	0	2	4	2	0	9	7	5	6	0
6	9	2	7	4	3	2	4	2	0	6	3	2	2	7	2	4	4	1	3
7	4	4	6	3	6	4	6	0	6	3	2	1	4	8	0	0	0	4	2

RECORD 24, ITEM S T O 7 8

FLIGHT 7 7 , FRAME 1 5 3 3 2 2 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

2	0	20	16	15	24	20	9	20	85	24	16	30	14	89	11	61	9	6	13
40	16	11	29	127	25	56	22	41	52	22	51	16	7	19	52	72	48	16	3
13	9	4	7	9	3	6	20	6	5	7	0	4	2	7	5	13	17	6	2
5	6	2	5	4	4	5	1	2	0	10	6	5	8	0	0	4	4	1	0
1	2	0	0	7	3	0	2	2	3	2	2	0	4	3	3	4	2	1	2

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RECORD 25, ITEM S T D 7 8

FLIGHT 7 7 , FRAME 1 5 3 3 2 4 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5140E 06

THE PSD VALUES (INTEGER)

0	1	30	19	29	18	17	40	31	10	31	31	3	40	9	26	13	5	20	2
8	3	2	15	21	17	9	22	3	10	6	16	9	3	10	10	16	13	6	2
1	4	4	4	2	0	0	0	2	4	4	2	4	3	5	6	5	6	4	8
7	3	0	0	2	3	2	2	2	0	0	0	0	0	2	2	0	0	0	0
1	2	0	0	4	2	0	2	0	2	2	0	2	0	0	0	0	0	2	0

RECORD 26, ITEM S T 1 3 5

FLIGHT 7 7 , FRAME 1 5 3 3 1 1 . 0 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.5140E 04

THE PSD VALUES (INTEGER)

2	0	6	3	15	7	24	5	12	23	27	8	66	22	38	40	109	58	7	8
4	27	42	17	25	46	16	151	69	65	3	75	17	87	41	50	33	2	19	13
5	7	10	2	2	2	2	11	6	8	2	1	8	5	0	5	8	0	2	26
49	29	11	39	33	12	37	37	17	42	63	45	39	11	46	2	39	28	13	22
25	26	36	23	27	21	3	11	9	14	8	17	18	11	9	5	8	7	5	10

RECORD 27, ITEM S T 1 3 5

FLIGHT 7 7 , FRAME 1 5 3 3 1 5 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.2050E 05

THE PSD VALUES (INTEGER)

2	0	4	7	12	4	44	56	22	42	7	60	5	65	75	341	137	40	4	21
16	11	6	13	11	52	32	48	7	49	14	15	12	4	10	9	15	1	5	7
0	11	0	1	2	4	2	0	1	4	3	5	6	0	0	7	2	13	28	40
53	13	13	2	3	0	4	2	0	1	2	4	2	1	1	0	4	2	2	2
1	3	0	6	0	4	4	9	19	19	7	0	0	2	1	0	0	0	0	2

PFCORD 28, ITEM S T 1 3 5

FLIGHT 7 7, FRAME 1 5 3 3 1 8 . 5 0 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

7	0	11	2	8	10	15	95	11	24	28	20	47	55	41	60	32	26	5	9
8	14	23	4	34	6	4	13	0	9	12	10	3	7	11	6	10	3	5	0
1	2	2	0	2	2	0	0	0	2	2	2	2	0	1	3	0	2	2	2
0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2

RFCORD 29, ITEM S T 1 3 5

FLIGHT 7 7, FRAME 1 5 3 3 2 2 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

2	3	26	7	25	20	49	9	21	46	20	33	47	50	108	55	92	7	14	6
26	9	65	11	72	36	61	232	37	36	26	46	23	10	16	34	22	25	16	3
6	2	2	2	5	4	0	4	2	2	2	5	2	0	4	2	2	4	4	4
2	0	4	6	5	0	2	0	0	0	0	0	0	2	0	4	0	0	2	2
2	0	0	0	4	3	2	0	0	2	0	0	0	0	0	0	0	0	0	0

RECORD 30, ITEM S T 1 3 5

FLIGHT 7 7, FRAME 1 5 3 3 2 4 . 3 5 , RECORD LENGTH = 2 SEC.

PSD VALUE OF 1.0 = 0.1280E 06

THE PSD VALUES (INTEGER)

1	4	29	15	51	39	42	46	96	34	92	146	37	358	92	88	35	234	76	31
39	94	13	30	55	37	62	179	42	12	47	52	111	10	46	27	39	20	12	7
6	17	16	4	4	5	4	12	7	4	2	0	2	5	4	2	12	5	2	2
0	9	2	2	2	0	2	0	0	2	2	4	0	0	0	0	2	3	2	2
1	2	0	0	4	0	2	4	0	0	0	0	0	0	0	0	0	0	0	2

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REFERENCES

1. Benepe, D.B., Cunningham, A.M., Jr., and Dunmyer, W.D., "An Investigation of Wing Buffeting Response at Subsonic and Transonic Speeds: Phase I F-111A Flight Data Analysis", Volume I - Summary of Technical Approach, Results and Conclusions, NASA CR-152109, May 1978.
2. Benepe, D.B., Cunningham, A.M., Jr., and Dunmyer, W.D., "An Investigation of Wing Buffeting Response at Subsonic and Transonic Speeds: Phase I F-111A Flight Data Analysis", Volume II - Plotted Power Spectra, NASA CF-152110, May 1978.
3. Benepe, D.B., Cunningham, A.M., Jr., and Dunmyer, W.D., "An Investigation of Wing Buffeting Response at Subsonic and Transonic Speeds: Phase I F-111A Flight Data Analysis", Volume III- Tabulated Power Spectra, NASA CR-152111, May 1978.
4. Nevius, H.E., F-111A Ground Vibration Test-No Wing Stores (Airplane 12), General Dynamics Fort Worth Division Report FZS-12-167, 5 August 1966, and Supplement 1, 1 August 1967.
5. Nevius, H.E., F-111A Ground Vibration Tests-No Wing Stores (Airplanes 1-11), General Dynamics Fort Worth Division Report FZS-12-060, 1 March 1965.
6. Cunningham, A.M., Jr., Waner, P.G., Watts, D., and Benepe, D.B., "Development and Evaluation of a New Method of Predicting Aircraft Buffet Response," AIAA Paper 75-69, Presented at the 13th AIAA Aerospace Sciences Meeting, Pasadena, California, 20-22 January 1975.
7. Cunningham, A.M., Jr., Benepe, D.B., Watts, D., and Waner, P.G., "A Method for Predicting Full-Scale Buffet Response with Rigid Wind Tunnel Model Fluctuating Pressure Data", Volume I - Prediction Method Development and Assessment, NASA CR-3035.
8. Cunningham, A.M., Jr., Benepe, D.B., Watts, D., and Waner, P.G., "A Method for Predicting Full Scale Buffet Response with Rigid Wind Tunnel Model Fluctuating Pressure Data," Volume II - Power Spectral Densities for Method Assessment, NASA CR-3036.